



**PROPOSAL
FOR
NATIONAL HOSPITAL
& CANCER RESEARCH
CENTER (NCH)**

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National Hospital and Cancer Research Center Pvt. Ltd. (NCH) is a state-of-the-art comprehensive cancer care hospital dedicated to providing exceptional medical services and holistic care to patients diagnosed with cancer. Our mission is to offer personalized, evidence-based treatment options and support services to improve the quality of life for our patients and their families. With a team of highly skilled oncologists, surgeons, nurses, and support staff, NCH is committed to becoming a leading institution in cancer care and research.

NCH is currently operating in Jawlakhel, Lalitpur with over 25 beds providing comprehensive cancer care to cancer patients. The hospital is currently operating in partnership with the Lalitpur Metropolitan City, where the latter has provided space for conducting the overall operation. Further, NCH plans on developing and constructing a state-of-the-art Cancer hospital in Chhampi, Godawari Municipality. For developing the hospital, NCH will be requiring a funding of Rs. 2 Arba (2 Billion) for the overall development of infrastructures and equipment. The planned period for the completion of the project is over 2 years with which NCH will complete the construction and begin overall operation of the hospital.

The team composition of NCH currently comprises of highly skilled personnels in the field of oncology, construction, pharmaceuticals, marketing and management. The promoters of the hospital have an adhere social image and net worth. They also conduct training programs and overall development programs to all employees, in collaboration with other hospital for more specified work performance.

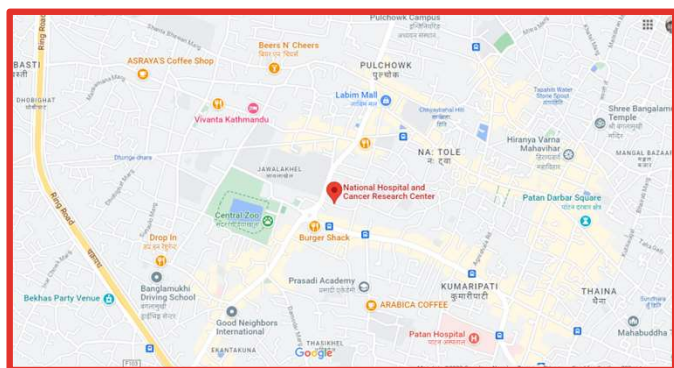
National Hospital and Cancer Research Center Pvt. Ltd. (NCH) plans to be the leading Cancer Hospital in Nepal within a couple of years.

National Hospital and Cancer Research Center Pvt. Ltd. which provides service under the name “National Cancer Hospital (NCH)” is a one of the first private cancer hospital established in the year 2009 with the objective of providing quality care for cancer patients at affordable cost. Parallel to the provision of high-quality patient care, NCH is committed to the training the younger generation of specialists to enhance their skills and provide better service and care.



National Hospital and Cancer Research Center Pvt. Ltd. is incorporated under the Companies Act, 2063 on 29/5/2066 with registered number 66160/66/67. The registered place of business is Jawlakhel, Lalitpur-13. It is registered with Inland Revenue Department with PAN No. 303883182.

While an adequate number of general hospitals are present in Kathmandu, cancer specialist hospital is only located in the Bhaktapur area. NCH was established with 25 beds in Jawlakhel, Lalitpur for provide all services related to cancer like surgery, chemotherapy etc. NCH has employed over 100 staff providing an array of medical, surgical and managerial skills who are responsible for the smooth and efficient operation of the Hospitals functions.



NCH is located at the heart of the city Jawlakhel, Lalitpur which is accessible by 3 Million people residing in the Kathmandu Valley.

The area is suitable because of the presence of many general hospitals in the nearby vicinity and an addition of a cancer specialty hospital is an add-on to it. Due to the easily accessible location in the city, cancer patients can easily access the hospital at their convenience.

Board of Directors at NCH:

S. No.	Name	Designation
1	Ms. Shweta Khadka	Chairman
2	Prof. Shyam Krishna Joshi	Managing Director
3	Mr. Prabhu Raj Vaidya	Board Member
4	Dr. Madan Kumar Piya	Board Member
5	Dr. Rashmey Pun	Board Member
6	Mrs. Sudha Devi Piya Shrestha	Board Member
7	Mrs. Gunu Shrestha	Board Member

The Board comprises of Chairman, Managing Director and Board Members responsible for leading and supervising NCH as per its vision and objectives. There are sub-ordinates under the Managing Director, individually Administrative Director for administration management and Medical Director for part of the medical management. The Administrative Director looks after administrative and financial parts. All major decision must firstly be approved by the Board of Directors and

and implemented by coordinated efforts of various departmental heads like Administrator from Administration, Consultant from medical department, Superintendent, Matron and Nursing In-charge from Nursing Department.



Mrs. Sweta Khadka (Chairman – NCH)

Sweta is a construction industry entrepreneur, who has been featured in many roles in Nepali blockbusters. She leads Shweta-Shree Foundation which is a nonprofit charity oriented towards underprivileged and ultra-poor people so that they can help themselves to face their economic and social hardships and eventually become independent. She serves as the Managing Director for MRS Engineering Pvt. Ltd. which is engaged in engineering construction and interior cum exterior design works. She has been sourcing out innovative and modern construction material for construction and hospitality industry in Nepal.

Her role in NCS is to overview the overall development of the Hospital and influence the General Public regarding the awareness of cancer and NCS.

Dr. Madan Kumar Piya (Board Member – NCH)

Madan is a distinguished Clinical Oncologist. He has over 30 years of experience in treating and contributing to the overall health policy in Nepal. He completed his MBBS from Dhaka Medical College, Bangladesh in 1973 AD; DTM&H from London School of Hygiene & Tropical Medicine, UK on 1978 AD; DTCD from University of Wales, Cardiff, UK on 1982; Fellowship Training in Medical Oncology from University Of Colorado Health Sciences Center, Denver, Colorado, USA on 1990/1991 and Masters in Health Care Management from Pokhara University, Nepal in 2013 along with distinction, Dean List.



Being one of the seniormost Oncologist in Nepal, his role in NCH is to manage the overall quality of service being delivered and train professionals in the field of Oncology.



Prof. Shyam Krishna Joshi (Managing Director– NCH)

Shyam serves as a Professor at the Institute of Engineering, Tribhuvan University. He is involved in bringing up new generation of construction and engineering management experts through his engagement at the Pioneering Engineering Institute of Nepal. He has a Master’s Degree in Public Administration (1984), TU; Bachelor’s Degree in Law, (1989); and has done a Graduate Degree Course on Human Resource Management from University of Calgary, Canada. He has over 35 years of experience in managing large scale engineering and construction contracts. In addition to his work at Tribhuvan University, he serves as a visiting professor for Advanced Engineering College and Kathmandu Engineering College for engineering management.

He is the founder of NCH and currently serves as a Managing Director. His role is to manage the overall operations of the hospital.



Mr. Prabhu Raj Vaidhya (Board Member – NCH)

Prabhu is a renowned businessman and the Executive Chairman at the Yetichem Medicine Distributors, Yetichem Group and Chairman & Managing Director at SIMCA Laboratory Pvt. Ltd.

Dr. Rashmey Pun Gurung (Medical Director – NCH)

Rashmey is a dedicated and compassionate Clinical Oncology with expertise in the field of oncology. She serves as Medical Director of NCH with a senior position for making a positive impact in the lives of the individuals affected by care and institution.

Rashmey has completed her Global Clinical Scholar Research Training with distinction from Harvard Medical School and received training in Oncology from prestigious institutions like Princess Margaret Cancer Hospital, Toronto and Greenwich Hospital Yale. She is and executive member of BPKMCH.



S. No.	Name	Designation
1	Dr. Madan Kumar Piya	Senior Consultant Chest and Cancer Specialist
2	Dr. Rashmey (Pun) Gurung	Consultant Clinical Oncologist
3	Dr.Sandhya Chapagain Acharya	Consultant Clinical Oncologist
4	Dr. Praksah Raj Neupane	General Gastroentrology & Cancer Surgeon
5	Dr. Kapendra Shekhar Amatya	Breast and Cancer Surgeon
6	Dr. Jyoti Rayamajhi	Breast Cancer / Cosmetic/ reconstructive surgeon
7	Dr. Jitendra Pariyar	Gynae Oncologist
8	Dr. Saujanya Karmacharya	Obsterician & Gynaecologist
9	Dr. Sushila Baidya	Gynae Oncologist
10	Prof. Dr. Tara Manandhar	Senior Consultant Radiation Oncologist & Chemotherapist
11	Dr. Sheela Verma	Gynae Oncologist
12	Dr. Sapana (Amatya) Vaidya	Obstetrician & Gynaecologist
13	Dr. Rita Mahaseth	Clinical Oncologist
14	Dr. Nabees Man Singh Pradhan	Orthopedic Surgeon
15	Dr. Ashim Bista	Orthopedic Surgeon
16	Dr. Rossu Thapa	Radiologist
17	Dr. Dipesh Dhital	Anesthesiologist
18	Dr. Sameep Baral	Anesthesiologist
19	Dr. Sujan Vaidya	Pathologist
20	Dr. Hricha Pandey	Pathologist
21	Dr. Rinku Joshi	Clinical Haematology
22	Dr. Suzita Hirachan	General Surgeon
23	Dr. Ajay Parajulee	General Surgeon
24	Dr. Romeo Kanshakar	Gastro & GI Onco-Surgeon
25	Dr. Utsav Man Shrestha	Onco-Surgeon
26	Dr. Sandesh Mainali	ENT Surgeon
27	Dr. Deepak Kumar Yadav	ENT Surgeon
28	Dr. Ashok Adhikari	Consultant Cardiologist
29	Dr. Rishab Koirala	Psychiatrist
30	Dr. Kushal Rizal	Medical Oncologist
31	Dr. Gagan Lamichhane	Medical Officer
32	Dr. Santwana Gautam	Medical Officer
33	Dr. Dristi Bashyal	Medical Officer
34	Dr. Pratima Baral	Medical Officer
35	Dr. Pooja Deo	Medical Officer
36	Dr. Reshma Shrestha	Medical Officer
37	Dr. Nitish Subedi	Medical Officer
38	Dr. Sanjay Risal	Medical Officer

Vision

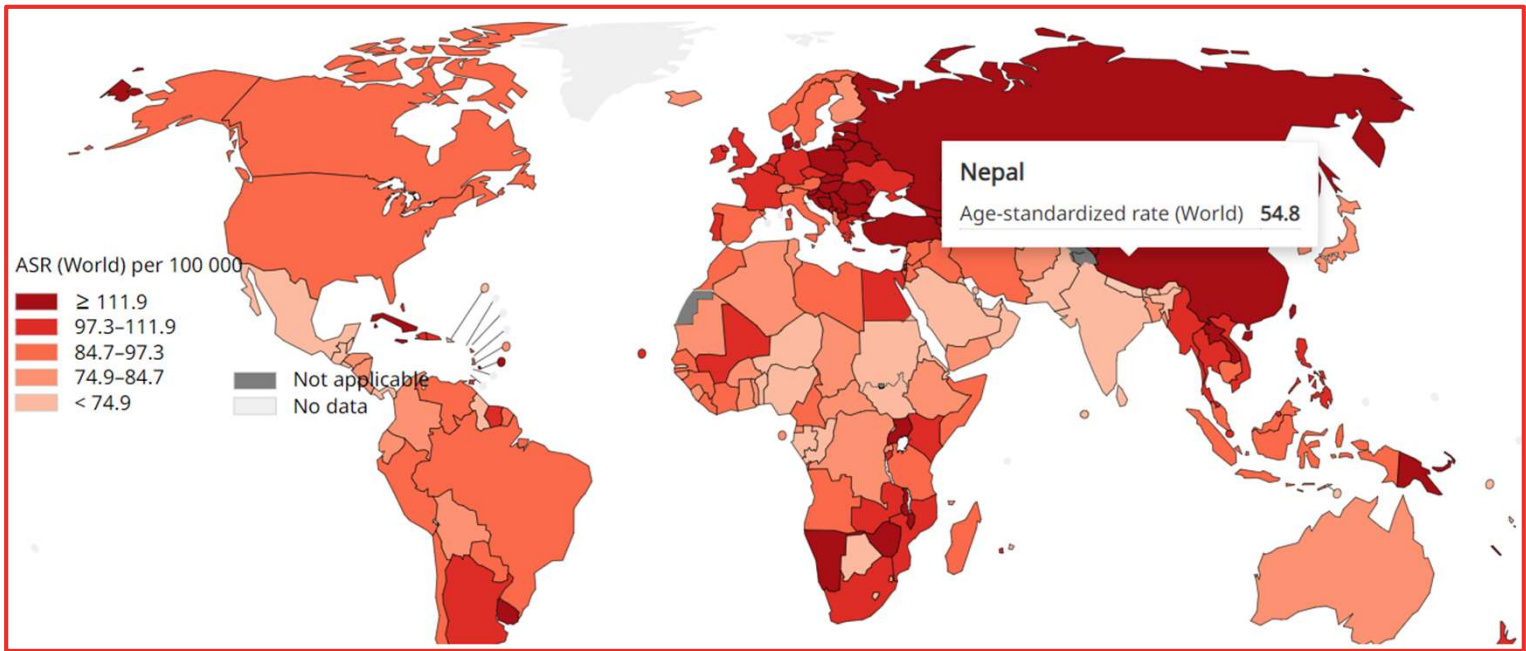
Our vision is to be the beacon of hope and healing, leading the way in compassionate cancer care. We strive to create a world-class cancer hospital where every patient receives the highest quality of personalized treatment, supported by cutting-edge technology, groundbreaking research, and a multidisciplinary team of dedicated experts. Through our unwavering commitment to excellence, innovation, and patient-centered care, we aim to eradicate the burden of cancer, improve outcomes, and empower survivors to reclaim their lives. Together, we envision a future where no one battles cancer alone, and every individual affected by this disease finds solace, strength, and renewed hope within our compassionate community. Our mission is to make a profound impact in the fight against cancer, one life at a time.

Mission

Our mission is to provide exceptional and comprehensive cancer care to patients and their families, guided by compassion, innovation, and excellence. We are dedicated to offering state-of-the-art diagnostic, treatment, and supportive services that address the physical, emotional, and spiritual needs of each individual at affordable rate. Through our collaborative approach, we strive to empower patients with knowledge, support their journey with personalized treatment plans, and foster an environment of hope, healing, and dignity. We are committed to advancing the field of oncology through research, education, and the application of breakthrough therapies, ensuring that our patients benefit from the latest advancements in cancer treatment. With unwavering commitment, we endeavor to make a meaningful difference in the lives of those affected by cancer, inspiring hope and restoring wellness

Objective

- ❑ Provide Exceptional Patient Care: Ensure that every patient receives compassionate, personalized, and evidence-based care throughout their cancer journey, focusing on their physical, emotional, and psychological well-being.
- ❑ Promote Innovation and Research: Drive innovation in cancer treatment and care by actively participating in and conducting cutting-edge research, clinical trials, and collaborations with academic institutions and industry partners.
- ❑ Enhance Patient and Family Support Services: Offer a wide range of support services such as counseling, support groups, survivorship programs, and resources to help patients and their families navigate the challenges of cancer and improve their overall quality of life.
- ❑ Empower Patients through Education: Provide education and resources to empower patients to make informed decisions about their treatment options, engage in shared decision-making with their healthcare team, and actively participate in their own care.
- ❑ Embrace Technology and Innovation: Embrace the latest advancements in technology, such as precision medicine, genomic profiling, and data analytics, to personalize treatment plans and optimize patient outcomes.
- ❑ Collaborate with Community Partners: Establish strong partnerships with local and regional organizations, support groups, and healthcare providers to ensure a seamless continuum of care for patients, even beyond the hospital walls.
- ❑ Promote Cancer Prevention and Awareness: Engage in community outreach initiatives, educational campaigns, and screenings to raise awareness about cancer prevention, early detection, and the importance of a healthy lifestyle.



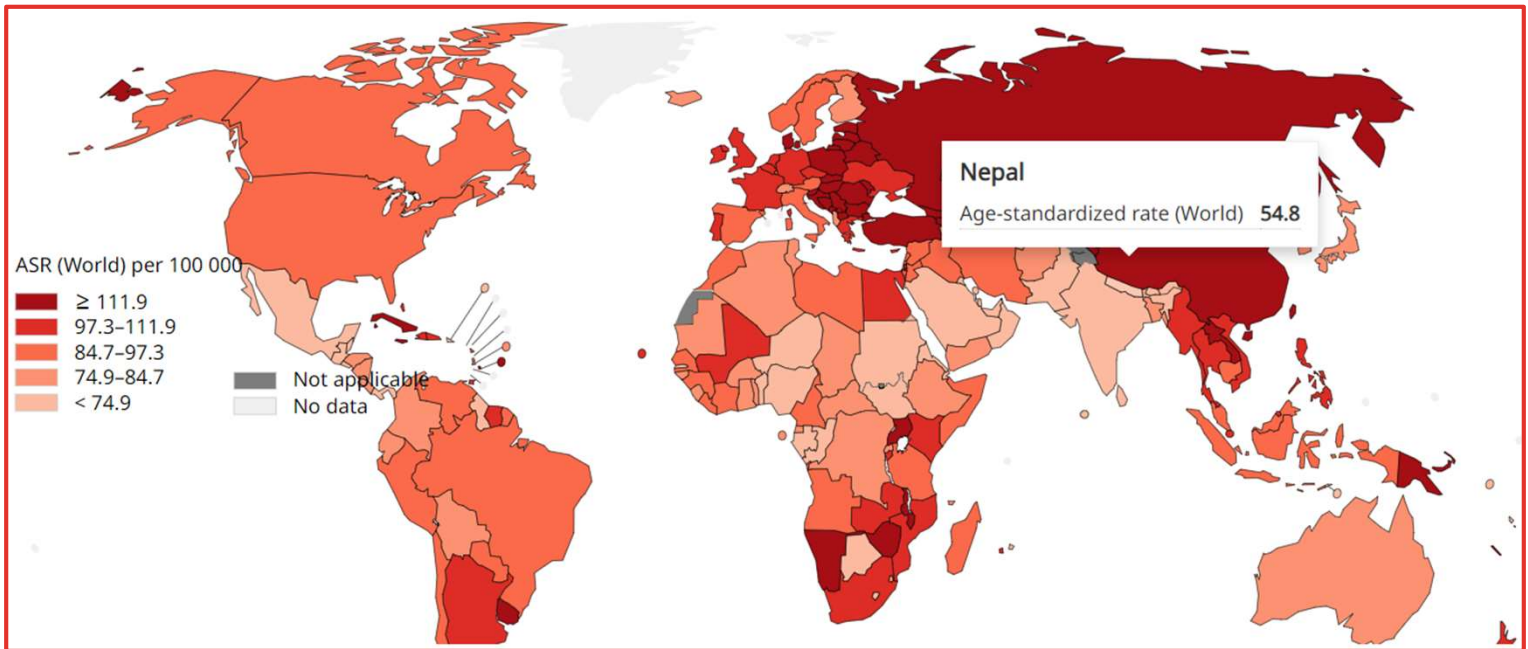
According to the International Agency for Research on Cancer (IARC), there were an estimated 19.3 million new cancer cases and 10 million cancer-related deaths worldwide in 2020. The most common causes of cancer-related deaths globally are lung, colorectal, stomach, liver, and breast cancers.

Cancer incidence and mortality rates vary across different regions of the world. Low- and middle-income countries account for approximately 70% of cancer deaths, mainly due to limited access to early detection, diagnosis, and treatment.

Tobacco use is the single largest preventable cause of cancer and is responsible for approximately 25% of cancer deaths globally. Other risk factors include unhealthy diets, physical inactivity, alcohol consumption, infections (such as hepatitis and human papillomavirus), exposure to environmental pollutants, and genetic factors.

Survival rates for cancer vary widely depending on the type and stage of cancer, as well as access to timely and appropriate treatment. Advances in early detection, treatment modalities, and supportive care have contributed to improving survival rates in recent years.

Organizations such as the World Health Organization (WHO), Union for International Cancer Control (UICC), and American Cancer Society (ACS) are actively involved in global efforts to promote cancer prevention, early detection, treatment access, and research collaborations.



According to the World Health Organization (WHO), there were approximately 32,000 new cancer cases reported in Nepal in 2020. The most common types of cancer in Nepal include breast cancer, cervical cancer, lung cancer, stomach cancer, and colorectal cancer. Cancer is one of the leading cause of death in Nepal. It is estimated that there were around 20,000 cancer-related deaths in the country in the year 2020.

Tobacco use, both smoking and smokeless forms, is a significant risk factor for cancer in Nepal. Other risk factors include unhealthy diets, lack of physical activity, exposure to environmental pollutants, infections (such as human papillomavirus and hepatitis), and genetic factors.

Nepal faces challenges in implementing widespread cancer screening programs. However, efforts are being made to increase awareness and access to screening services for breast, cervical, and colorectal cancers. Nepal has a few cancer treatment centers that offer comprehensive cancer care, including surgery, chemotherapy, radiation therapy, and supportive care services. However, the availability of these facilities are limited, especially in rural areas.

The National Cancer Registry Program in Nepal, along with international collaborations, collects and analyzes data on cancer incidence, prevalence, and mortality. This data helps in understanding the cancer burden and planning interventions.

Palliative care services are essential for improving the quality of life of cancer patients. Efforts are being made in Nepal to expand access to palliative care services and address the physical, emotional, and psychosocial needs of patients.

Various organizations and healthcare professionals in Nepal are working to raise awareness about cancer prevention, early detection, and treatment options through community-based programs, health campaigns, and educational initiatives.

Nepal faces challenges in terms of limited resources, infrastructure, and access to cancer care services, particularly in rural areas. However, there are opportunities to strengthen cancer control efforts through collaborations, capacity building, and integration of cancer care into the primary healthcare system.



Nepal faces challenges in providing comprehensive cancer care due to limited healthcare infrastructure, resources, and skilled healthcare professionals. There is a shortage of specialized cancer treatment centres, advanced diagnostic technologies, and trained oncologists. This often results in limited access to quality cancer care services, especially in rural areas.

The Government of Nepal has recognized the growing cancer burden and has taken steps to address it. Initiatives include the establishment of the National Cancer Hospital in Bhaktapur, the implementation of cancer control programs, and efforts to improve cancer awareness and prevention.

Although there are some public and private cancer care hospitals such as B.P. Koirala Memorial Cancer Hospital (BPKMCH), Bhaktapur Cancer Hospital (BCH), Kathmandu Cancer Centre and Harisiddhi Cancer Hospital in Nepal, the Nepalese People suffering from Cancer, at most risk of Cancer and survivors of cancer are still deprived of comprehensive, qualitative, affordable and accessible oncology services (medical, radiological, surgical, pathological, preventive and rehabilitative). The expert opinion of academia associated with public health and cancers care in Nepal concluded that more than 70% of cancer patients still living without any cancer treatment. NCH has similar finding from its decade long experiences in the capital as well as many rural areas of Nepal.

Cancer poses a significant economic burden on individuals, families, healthcare systems, and the overall economy in Nepal. The costs associated with cancer care include direct medical expenses (such as diagnostics, treatments, hospitalizations, and medications), indirect costs (such as lost productivity, transportation, and caregiver expenses), and intangible costs (such as pain, suffering, and decreased quality of life). Cancer care can be costly, and affordability is a major concern for patients and their families in Nepal. The out-of-pocket expenses for cancer diagnosis and treatment can lead to financial hardship, particularly for those without adequate health insurance or social protection mechanisms. A single case of cancer can consume a family's majority of lifetime savings. Typically costing up to 200-300 percent less than their counterparts in India, National Hospital and Cancer Research Centre brings highly trained doctors and nurses to serve communities locally inside/outside valley and most of the part of the county.

Those hospitalized often either must borrow money or sell their belongings to pay medical bills. In the absence of specialized research and cancer treatment in Nepal thousands of families require travelling to India for chemotherapy plus palliative care and many more. At present NHC, offers specialized services for cancer treatment, radiotherapy, surgery,

Access to quality cancer care services is also limited, rural areas of Nepal, especially Sudurpaschim, Karnali and Madesh Provinces, which further affects the economic burden on patients. The financing of cancer care in Nepal primarily relies on a combination of public funding, private expenditures, and donations from national and international organizations. The Government of Nepal allocates a portion of the healthcare budget for cancer-related initiatives, including the establishment of specialized cancer hospitals and the provision of subsidized or free cancer treatment services for certain eligible populations. Health insurance coverage in Nepal is still relatively low, but efforts have been made to expand coverage and include cancer treatment services. The government has introduced schemes such as the National Health Insurance Program, which aims to provide health insurance coverage to a larger portion of the population, including coverage for certain cancer treatments. But still there is feeble institutional arrangement and functional coordination between supply side and demand side. Government is intending to improve this context.

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Strength

- ❑ **Highly Skilled Healthcare Professionals:** The cancer hospital has a team of experienced oncologists, surgeons, nurses, and support staff who specialize in cancer care, ensuring high-quality treatment and patient care.
- ❑ **Strong Network and Partnerships:** The hospital has established strong partnerships with local and regional healthcare providers, support groups, and research institutions, allowing for seamless referral, collaboration, and access to resources.
- ❑ **Research and Innovation:** The hospital actively engages in cancer research, clinical trials, and collaborations with academic institutions, contributing to the development of new treatment options and advancements in the field.
- ❑ **Various government entities like Lalitpur Metropolitan City and Godawari Municipality are engaged with NCH providing strength in the form of funding, location, technical support, etc.**

Weakness

- ❑ **Capacity and Resource Constraints:** The hospital may face limitations in terms of bed capacity, specialized equipment, and human resources, which can impact the ability to accommodate all patients and provide timely services.
- ❑ **Limited Outreach and Awareness Programs:** There may be a lack of robust community outreach and awareness initiatives to educate the public about cancer prevention, early detection, and available services, resulting in delayed diagnoses and underutilization of resources.
- ❑ **Financial Constraints:** The cost of cancer treatment and care can be a barrier for some patients, and the hospital may need to explore options for financial assistance programs or partnerships with insurance providers to enhance affordability and accessibility.

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Opportunity

- ❑ **Increasing Demand for Cancer Care:** The rising incidence of cancer globally presents an opportunity for the hospital to meet the growing demand for specialized cancer treatment and support services.
- ❑ **Technological Advancements:** The continuous advancements in cancer treatment technologies, precision medicine, and targeted therapies provide opportunities for the hospital to enhance treatment outcomes and differentiate itself in the market.
- ❑ **Collaborative Research and Partnerships:** Strengthening collaborations with national and international research institutions, pharmaceutical companies, and academic centers can foster innovation, knowledge exchange, and access to clinical trials, benefiting both patients and the hospital.
- ❑ **Due to the increasing unhealthy lifestyle of the people the disease is seen to young aged people as well. Increment of the cancer patient is leading to create demand of the hospital for prompt service.**
- ❑ **Medical Tourism:** Cancer patients from Foreign countries may decide to carry out to their treatment here in NCH, due to the low cost of treatment and good quality in service.

Threat

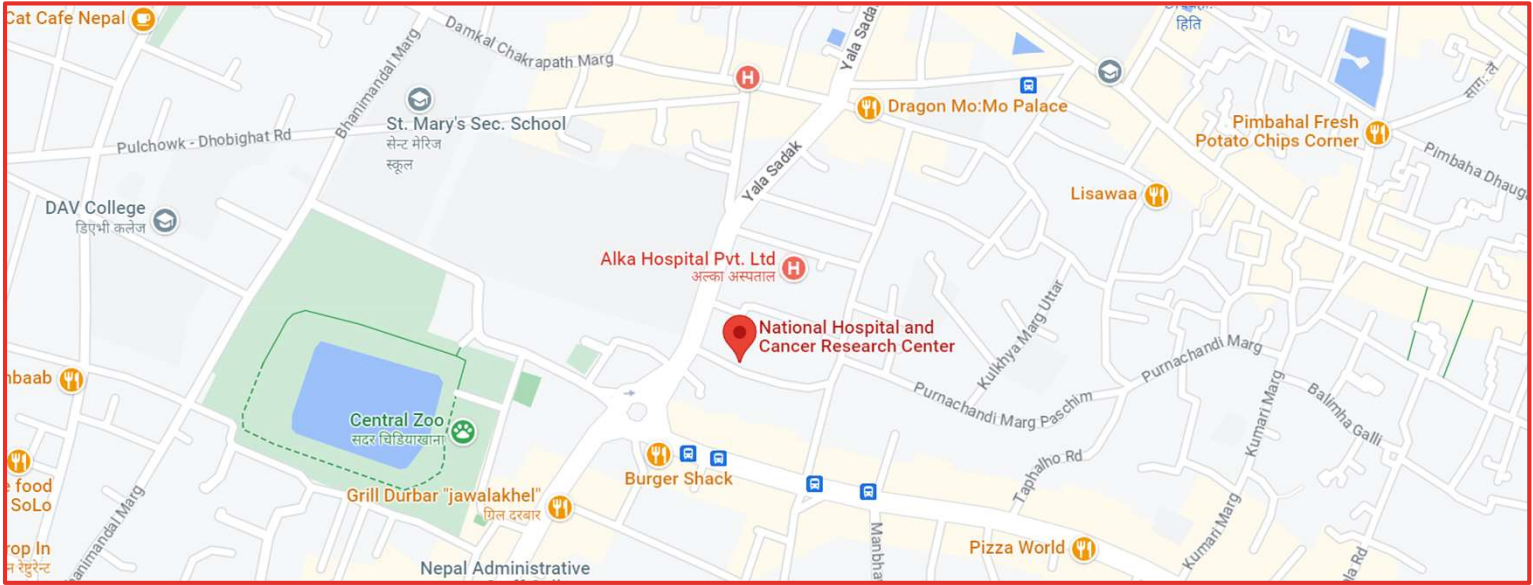
- ❑ **Competition:** The presence of other cancer hospitals and treatment centers in the region can pose a threat in terms of patient retention, market share, and attracting highly skilled professionals.
- ❑ **Changing Regulatory Landscape:** Evolving regulations and policies related to healthcare, insurance, and reimbursement can impact the hospital's financial sustainability and operational practices.
- ❑ **Public Perception and Stigma:** Overcoming the existing social stigma and misconceptions associated with cancer can be a challenge in encouraging early diagnosis, treatment-seeking behavior, and community support.

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The Board of Directors plan on capitalizing on the internal strength to grab the opportunity while reducing the weakness to mitigate the threats. For the same the board has prepared and planned a detailed implementation strategy.

Operating the hospital smoothly and efficiently will always be a challenge for both the Board of Directors and the Management of the Hospital. For better governance and operations of the hospital, NCH will implement and follow the following the strategies:

- ❑ **Risk management and quality assurance:** NCH implement systems to identify and mitigate risks, including patient safety and quality assurance programs. Regularly review and analyse data to identify areas for improvement and implement corrective actions.
- ❑ **Stakeholder engagement:** NCH foster the role of public and private and funding agencies by promoting harmonious relationships among all actors including patients, healthcare providers, government agencies, and the local community. We always engage stakeholders in decision-making processes and communicate openly and transparently.
- ❑ **Continuous education and professional development:** NCH provide continuous medical education (CME) and professional development opportunities through regular sessions, attachment and onsite training and for staff members to enhance their professional and personal skills and knowledge in their respective fields.
- ❑ **Technology and innovation:** NCH always try to embrace technological advancements to improve healthcare delivery, streamline administrative processes, and enhance patient experience.
- ❑ **Quality improvement policy:** Hospital has been trying to maintain quality as 100% conformance to customer requirement. The promises brought forward by the company in quality maintenance are Consistency, Reliability, Responsiveness and High Technical support
- ❑ **Following Labor Act introduced by Government of Nepal:** The hospital has been practicing human resource management as per the Nepal Government Labor Act. It assures the availability of basic facilities like remuneration and allowance, leave, Gratuity fund, Provident fund, Medical facilities, Insurance, tiffin allowance, Festival expenses, and bonus. The work hours are applied as per labour act too.
- ❑ **Workplace Health and Safety:** The hospital believes in the sound health of its employees, so in order to ensure the safety and health of its employees, the local partner aims to develop the workplace as per the international standard workplace criteria. Moreover, periodic health checkups and examination of its employees with necessary medications will be conducted
- ❑ **Employment Participation:** The success of the hospital lies within the active participation of the employees. Thus, NCH encourage its employees, the company will be conducting various programs for their active participation in social, motivational works.
- ❑ **Environmental Management:** The hospital will endeavour to operate in the most environmentally friendly way, by using modern waste management technologies and minimizing the waste of the hospital. A dedicated waste disposal management policy regarding chemicals and other waste will be designed and implemented. We also follow strictly standard policy for biomedical waste management standards. While doing so, we follow Waste minimization, Segregation, Identification (colour coding), Collection, Storage, Transport, Treatment, Disposal and Worker training/ Health & Safety.



National Hospital and Cancer Research Centre Pvt. Ltd. is currently located at the heart of the city Jawlakhel, Lalitpur which is accessible by 3 Million people residing in the Kathmandu Valley.

The area is suitable because of the presence of many general hospitals in the nearby vicinity and an addition of a cancer specialty hospital is an add-on to it. Due to the easily accessible location in the city, cancer patients can easily access the hospital at their convenience. NCH located in Jawlakhel, Lalitpur is operating with over 25 beds, providing comprehensive cancer care to patients from all around Nepal.

Currently, NCH is planning to partner with Lalitpur Metropolitan City. LMC will be providing the space required for expanding the activities of NCH and converting it into a city hospital for diagnosing and treating patients with cancer. After completion of the first phase of the project, NCH will be able to provide additional services from its Jawlakhel Location.





National Hospital and Cancer Research Centre Pvt. Ltd. & Cancer Care Nepal is planning to undertake a Public Private Partnership for Development of Hundred Bedded Tertiary Hospital with Comprehensive Cancer Care in Nepal. The planned project is expected to be completed within 2 years of the start date i.e., 1st October 2023 and will be fully operational from 1st January 2026.

The planned project targets to access /uptake comprehensive and quality care of people with cancer through Public Private Partnership. Further, the project also plans on reduced mortality, morbidity, disability and economic loss linked with cancer through qualitative and comprehensive care for people with Cancer in terms of efficient and effective screening, diagnosis, cure and physical, psychosocial and occupation rehabilitation services.

The proposed cancer care hospital will be developed on a 29 Ropani land, located in Chhampi, Godawari. The hospital will provide a comprehensive range of cancer care services, including but not limited to screening, diagnosis, treatment, rehabilitation, and palliative care. The hospital will also offer support services such as counselling, nutrition, and social services to patients and their families.





Despite efforts to improve cancer care, there is still a significant gap in access to quality cancer care services in Nepal. To address this gap, NCH proposes a cancer care hospital project under the Public/Public Private Partnership (PPP) modality. (Lalitpur Metropolitan city, Godawari Municipality, MoHP and Provincial Municipality as the Public Agency) and National Hospital and Cancer Research Center (NCH) will play a role of a private sector partner and will utilize and built-in expertise, experience, human resource and technical resources available with it. This proposed Public/PPP is going to request the Government of India, Embassy of India for the essential financial support required for construction of building adequate for indoor and outdoor departments for medical, surgical, laboratory services equipped with modern technology. Funding support will also be utilized for installing strong management information and monitoring system to track targets and performance evaluation. Federal authority of MoHP, Provincial Ministries and local Government authorities will contribute their best to create conducive operating environment.

This Public/PPP approach adopted by this proposed project, is a cooperative venture or contractual arrangement between/among public agencies. Summary is given below:

Type of partner	MoU needed? Yes/No	Specific role valued for the implementation of the Project
Lalitpur Metropolitan city	Yes	Association for City Clinic
MoHP- Health Policy and regulation Division, Health Coordination Division, NCD/EDCD, MoHP	Yes	Provide managerial, policy and resource input
Social Development Ministries of Bagmati, Karnali and Sudurpaschim provinces	No	Functional coordination and fund contribution
Godawari Municipality	Yes	Already provide lands (29 Ropani) for hospital
Other hospital-Bhratpur Cancer Hospital, Bhaktapur Cancer hospital and KATHMANDU CANCER CENTER and Harisiddhi Cancer Hospital in Nepal	yes	Joint initiation for service delivery and technical resource sharing
Hospitals Medical Academy	Yes	Establish functional relationship for cross-referral and outreach caps
Self-help groups	Yes	For community awareness



Nearby Kathmandu valley, Chhampi is the location for the new hospital building construction. It is one of the possible area which carries good future prospect in the field of overall development. At present, Kathmandu valley is overcrowded and has almost reached the limit for the human settlement and infrastructural development, which is why Chhampi is the most feasible Location.

Godawari Municipality is one of the densely populated municipality which has various demographic groups with different castes, religions, ethnicity, etc. The total population amounts to an estimated 1,16,045. Similarly, the division of the population according to the Gaupalikas; Chhampi approximately has 8,000 residents, Chhikhel and Bungmati 10,000, Thecho 15,000 and Chapagaun 20,000.

Key takeaway of the proposed location:

- ❑ Approx. 5km from the Ring road, Kathmandu Development Authority has planned for land pulling system which has visionary plan to construct 3,000 civil homes.
- ❑ Similarly, approx. 6km from the planned construction area in an area spreading around 500 ropani a proposed 72 feet tall Statue of Lord Bhairav is to be constructed, which will help flourish the area and overall develop the area as a touristic place by a religious point of view.
- ❑ The newly projected plan for construction of the Kanti Lokpath is in progress which is a four-lane highway from ring road Nakhu and has been completed up to Bungmati & is in progress which will be completed within a couple of years.
- ❑ Likewise, the area has prospect for development in industrial sector like Handicraft, homemade clothes, domestic industries, etc.
- ❑ There is ongoing construction of Eye Hospital at Godawari.
- ❑ This area is blessed with natural resources and can be plus point for incoming domestic and international tourist. So, there is possibility of development in Medical Tourism as well.

Overall development of the location will slowly help in the growth of the Hospital in terms of necessary infrastructures and other necessities such as proper road and transport facilities, proper places to stay and places for food, etc.



Services:

- 24hr. Emergency
- OPD
- Laboratory
- Pharmacy
- OT with at least 2 modular Ots
- Post-op
- Transplant
- ICU with at least 15 fully equipped bed
- Palliative care

Diagnostic Services:

- Pathology: General, Cytopathology & Histopathology
- Radiology: X-ray, Mammography, Ultrasound, Echo Cardiogram
- Colposcopy
- Second phase plan: CT-Scan, MRI

Therapeutic Services:

- Chemotherapy
- Radiotherapy
- Physiotherapy
- Day Care

Preventive, Curative and Rehabilitative Services:

- Emergency care
- Palliative Care Services
- Anesthesia/ICU
- Pain management
- Rehabilitation

Other Activities (Education, Training and Publications):

National Hospital & Cancer Research Center's other activities are to conduct several national and international seminars, medical conferences, publish several articles in national and international journals. Also providing employee developing and training program nursing training program etc.



The proposed project sets to achieve the milestones in Three Phases:

Phase I:

- Ensure conducive operating environment through Public (Godawari Municipality, Bagmati Province and MoHP), Private (NCH) and other stakeholders to establish and functionalize National Cancer Care Hospital in Nepal
- An additional earthquake proof, accessible and well-equipped building construction on Land provided by Godawari Municipality approx. 3.65 acres (29 Ropani) land in Chhampi,
- Instalment of related functional and structural infrastructure as medical, surgical and ancillary services: radiology, pathology, Rehabilitation – Physiotherapy, Psychotherapy unit, Music Therapy unit, etc.
- Instalment of advance scientific and IT equipment (diagnostic, cure and rehabilitation);
- Preparation and planning for delivery of qualitative and comprehensive cancer care as per global technical and managerial standards
- Sign MOU/Teaming agreement among Government agencies, Medical Institution and NCH
- Exploration of Cancer Care Institutions of Asia and Asia Pacific e.g. TATA Cancer Institute Bombay, Thailand and Malaysia

Phase II:

- Delivery of qualitative and comprehensive cancer care services as per WHO and global technical and managerial standards;
- Functionalize/harmonize hard copy or online templates/forms/formats related cancer screening, diagnosis, treatment, follow up for quality and comprehensive cancer care services;
- Conduct outreach camps for screening, diagnosis, referral and awareness campaign
- Develop Cancer screening, cure, rehabilitation protocols, cross referral guideline and SOPs

- Conduct Social audit/Quality audit and exit pole interview and SCOPE Survey to find out perceived satisfaction and out-comes
- Train and support 100 NCH staff and partner medical institute of Sudurpaschim, Karnali and Madesh Province on comprehensive Cancer care services (prevention, early detection, management and referral of Cancer cases)
- Promote self-help groups of people who are at risk and survivors of cancer
- Carry out advocacy lobby and progress update meeting among concerned PP stakeholders including funding agencies, as appropriate.
- Document best learning practices, human interest stories, case studies and visibility materials related to NCH and comprehensive cancer materials to promote institutional learning of NCH
- To maximize social protection support from public and community financing institutions to support socio-economically vulnerable people with cancer of Godawari and other Municipalities of Nepal

Phase III:

- Orient decision makers and planner associated with National Planning commission, MoHP, Move and various elected leaders and government authorities. self-help groups on issues of cancer and clarify their role for Public/PPP project
- Provide orientations and technical assistance to public and private service providers on accessibility, economic inclusion and disability policies and provisions
- Develop good practice learning paper, case studies and SOPs/Guideline for the comprehensive care of people with cancer and at least 1 SOP/guideline for private/public service providers
- Conduct inceptions, periodic review and reflection meetings and coordination meetings with federal, provincial and municipal stakeholders to ensure quality and sustainability of NCH Cancer care initiative
- Attending international/national learning exchange on functional rehabilitation and economic inclusion practices from private/public service providers
- Conduct lessons learned/best practices dissemination workshop with participation of wider audiences (government, funding agencies, OPDs, I/NGOs and academia etc.) at federal level to promote economic inclusion and accessibility

The proposed project projects to provide some benefits to the community and the stakeholders. Some of them are listed below:

- Easy availability of health care facility to the local people and nearby areas surrounding as well.
- Job opportunity to the local people in the hospital
- People will be benefited by the hospital establishment as the market in surrounding the surrounding will gradually grow.
- Name of Lalitpur Metropolitan city / Godawori Municipality (Ward no. 9) would be flourished all over the country by the hospital establishment.
- Popularity, prosperity and over all development of the place and people.

Expected Impact from the intervention to the final beneficiaries:

- People with diversity of age, gender and disability and socio-economic have improved access to/uptake of quality, comprehensive and affordable cancer care services rendered from proposed Hospital and outreach activities;
- NCH through support of Public Private and funding agencies will be able to establish functional coordination and cross referral mechanism among concerned stakeholders including Funding agencies (Government of India), MoHP, Provincial and Local Governments, self-help groups, External development Partner (The WHO, I/NGOS, Bilateral organisations to produce and rendre quality care.
- A functional linkage, network and working relationship will be established among Nepal Government authorities, NCH, bilateral/multi-lateral development agencies, academic institutions of India, China, Singapore and Asia-Pacific to foster affordable, qualitative and accessible cancer care services;
- Documented, analysed, consolidated and disaggregated data, case studies, human interest stories, best practices and conduct evidenced based advocacy campaigns will be available for enhancing affordable, qualitative and accessible cancer care services.

Beneficiaries of the action programme

- Direct beneficiaries: People diagnosed with cancer or at risk of cancer or surviving cancer will be served from NCH;
- Indirect beneficiaries: People residing in the nearby areas will benefit from the development of hospital in terms of development of infrastructure and facilities.

Further, there is a great prospect of the establishment and development of the overall place. From development of basic establishment like school, roads, drainage, drinking water, etc. to development of other infrastructures as well.

The project will be requiring an estimated amount of NPR 2 Arba for the purpose of:

S. No	Description	Estimate Amount
A.	CIVIL FINISHING	
A.1	Building Shfpre and Architecture including Interior Walls, Plastering, Concreting	19,78,00,000.00
A.2	External Development (Driveways, Landscaping, boundary walls)	2,76,57,000.00
A.3	External Facade	1,70,00,000.00
A.4	Steel Work	1,43,45,600.00
A.5	Door/ Framework	34,56,000.00
	TOTAL	26,02,58,600.00
B.	BUILDING SYSTEMS	
B.1	HVAC – Air condition and heating including Exhaust and ventilation for Kitchen, bunker and Toilets	3,82,23,157.00
B.2	Fire Fighting and sprinkler system	78,20,928.00
B.3	STP/Septic Tank	25,00,000.00
B.4	Water Storage tank	30,00,000.00
B.5	Water Purification /RO plant	25,00,000.00
B.6	Hydropneumatic System	29,31,918.00
B.7	Water body element boundary etc	10,70,500.00
B.8	Rainwater Harvesting System (include plumbing)	9,20,000.00
B.9	Plumbing and Sanitary ware & Drainage	56,84,597.00
B.10	All rooms toilets fittings including public area	1,24,91,357.00
B.11	Lifts-2 nos	1,01,15,000.00
B.12	DG Set 500kva & 300KVA	61,00,000.00
B.13	Electrical Work	5,09,61,183.00
B.14	Fire Alarm and CCTV	
B.15	Parking Staircase light, EPABX	
B.16	LED Signage	15,00,000.00
B.17	UPS	25,00,000.00
	TOTAL B	14,83,18,640.00
C.	EQUIPMENTS	
	Kitchen Equipments	1,02,10,965.00
	TOTAL C	1,02,10,965.00
D.	INTERIORS	
	Interior	11,23,45,670.00
	TOTAL D	11,23,45,670.00
E.	PS & VEHICLES	
	Provisinal Sum & Vechicle	3,12,34,000.00
	TOTAL	3,12,34,000.00
	GRAND TOTAL (A+B+C+D+E)	56,23,67,875.00
	VAT	7,31,07,824.00
	(A1) GRAND TOTAL WITH VAT	63,54,75,699.00

S. No	Description	Estimate Amount
1	Hospital bed(ward) and others	12,500,000
2	Operation Theater (Complete set up)	185,091,900
3	Post up (Set up)	8,616,000
4	ICU	18,947,000
5	Emergency	3,284,100
6	Radiotherapy, linear accelerator	310,000,000
7	Brachytherapy	35,000,000
8	Cobalt	70,000,000
9	Radiology department (CT, MRI)	168,720,000
10	Pathology	14,398,260
11	Office equipment	28,804,550
12	Office furniture	11,704,000
13	Hospital Equipment	10,500,000
14	Total	877,565,810
15	VAT	114,083,556
16	Fixed Assets Total Expenses Inclusive with VAT	991,649,366
17	Operational Cost(Total Payroll+Office Expenses+Miscellaneous) for 3years	372,874,935
	All Total (A2)	1,364,524,301
	GRAND TOTAL (A1+A2)	2,000,000,000



Cancer Care Nepal (CCN) is a non-profitable and nongovernmental organization (NGO) established on 2065(2009) and registered in Jawalakhel, Lalitpur, Nepal.

The aim of this NGO is to create awareness and conduct preventive screening, and cancer-related health camps in different parts of the country. CCN has been actively involved in different awareness activities and interaction programs in co-operation with the local communities and equally involving the community to make them aware about the seriousness of the disease.



Cancer Care Nepal has been servicing in the following areas:

- Conducting cancer awareness programs in different places
- Planning, implementing and promoting Cancer Screening programs for mass population in urban and remote areas of the country
- Early detection and referral of the cancer cases
- Providing needful treatment (surgery, chemotherapy and radiation therapy, palliative service) to the patient and clients
- Providing palliative and end of life care to those with terminal illness
- Providing training to different field of health persons
- Closely co-operating and coordinating with governmental and non-governmental agencies to strengthen the health services facilities

Cancer Care Nepal in Partnership with NCH carries out various programs for raising awareness regarding cancer in Nepal. Since, its inception it has been actively engaged in all sorts of activities related to cancer. Cancer Care Nepal will be responsible for providing awareness and raising funds for the needy patients whereas NCH will provide all the technical and professional assistance required to educate, treat, cure and support the patients.



Cancer Care Nepal and NCH has been collaborating to conduct various activities in the field of cancer for benefit of the Patient, Doctors, Hospitals and Family members. Some activities carried out has been listed below:

- NCHCON – Informative seminar held every year relating to Oncology and Cancer,
- Yoga way of reducing chemo side effects,
- Awareness against Ovarian Cancer with Manisha Koirala,
- Breast Cancer Awareness Programs,
- Various Fundraising activities for Cancer treatment,
- Free Ovaries Checkup and Awareness Program
- Ovarian Cancer Awareness Program with Manisha Koirala
- Cervical Cancer Prevention Course
- Breast and Cervical Cancer Screening and Awareness program
- Webinar on Cancer Awareness
- Cervical Cancer Prevention in Nepal
- Cervical Cancer Prevention in Nepal – Training for Service Providers

Cancer Care Nepal has been actively working and collaborating with National Cancer Hospital in the past and further plans on engaging with NCH for eliminating the problems related to cancer in Nepal.

The proposed project is viable and has a prospective scope in the future. With the development and operation of the project, many people not only limited to people suffering with cancer will gain benefit from the project in terms of quality care, job opportunity, security, etc. However, an estimated amount of Npr. 2 Arba (Npr. 2 Billion) will be required for successfully developing and operating the project.

Along with the participation of various governmental bodies NCH is planning to convert itself into a community-based hospital for providing qualitative comprehensive cancer care in Nepal. Further, the key personnels themselves have been a victim / survivor of cancer either directly or indirectly, motivating them in ensuring the successful completion of the proposed project.

Cancer Care Nepal (CCN) also plays an important role in development of the proposed hospital. CCN is mostly involved in raising awareness and funds for proper cancer care in Nepal and in this regards is also committed to raise funds for development of the hospital. CCN plans on raising donations from various NGO's, INGO's, CSR funds of different organizations and various federal/provincial/local governmental wings. CCN plans on developing the hospital with the funds raised. However, since CCN is only engaged in promotional/awareness programs, the overall management of the hospital will be handed over to NCH who are an expert in this sector. NCH will be responsible for the overall management of the hospital.

This planned proposal and collaborative effort of CCN and NCH will result in synergy between the two organizations and hopefully will benefit the entire nation in terms of providing qualitative cancer care.

The priority of raising funds for the development of the hospital is through various NGO's, INGO's, CSR funds of different organizations and various federal/provincial/local governmental wings. However, the key personnels of NCH are committed to the development of the cancer hospital due to their struggle with cancer.

So, they are interested in raising the funds via other means listed below incase the funds raised by CCN is not sufficient to fund the overall development and operation of the proposed hospital.



Equity Investment

Investment in NCH at a valuation agreed by both NCH and the prospective investor.



Donor Funding

Funding from any Governmental or nongovernmental organisations in the form of Grant.



Loan Financing

Financing the required capital from a reputed Financial Institution at nominal rate of interest.

3rd NCHCON

9th-10th March 2018, Radisson Hotel, Kathmandu

Updates in Breast Cancer

Disclaimer: All Nepal Foreign Investment Solutions Pvt. Ltd. (referred to in this disclaimer as “ANFIS” or “we” or “us”), has relied upon the documents, information and explanations provided to us by the management of the company for the purpose of preparation of the business plan. The management of the company will be responsible for implementing the plans provided in the proposal, if any. We are not aware of any information/record to the contrary which would lead us to believe that the conclusions stated in this report are no longer valid. We have assumed that no changes, modifications of whatsoever nature have been made to the policies and procedures implemented by the company, whether oral or in writing, subsequent to the date of preparation of the business plan.. Any information provided in this report are to the best knowledge of ANFIS’s and such knowledge shall mean the actual knowledge of the employees of ANFIS.

In the course of preparing this report; We have presumed the accuracy of all statements, information, documents and clarifications which were provided to us;

We have not obtained any formal translations of any documents or records other than those made available for our review in the English language;

Circulation of Report :

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Thank You!!!