



- Name : **Birendra Mahaseth**
- Address : GPO 19753, Kathmandu, Nepal  
Phone Cell: +977-9851159440  
Email- <bmahaseth@yahoo.com>  
<bmahaseth1@gmail.com>
- Profession : Civil/Highway/Geo-Technical Engineer/Procurement specialist/Project Management/Contract Expert/Dispute Resolution/Arbitration
- Present position : Individual Consultant/Procurement expert/Contract Expert/Project Manager/Dispute Resolution and claim settlement/Adjudicator/Arbitrator
- Past position : Superintending Engineer (Civil)/ Joint Secretary, Ministry of Physical Infrastructure and Transport, Department of Roads, Nepal
- Date of birth : March 31, 1958
- Nationality : Nepali
- Marital Status : Married
- Sex : Male
- Education : Master of Civil Engineering (Geotechnical) from Bangladesh University of Engineering and Technology, Dhaka, Bangladesh in 2002
- : Bachelor of Technology in Civil Engineering from Indian Institute of Technology, Madras, India in 1982
- : Bachelor of Law from Tribhuwon University, Kathmandu, Nepal in 1998
- Years of Experience : **40+** years
- Specific Experience :
- Familiar with Asian Development Bank procurement procedures and documents
  - Familiar with Government procurement procedures and documents
  - Worked with International Consultants and Contractors
  - Procured and Worked as Project Manager/Division Chief in ADB and Government Road Projects, ICB (FIDIC, MDB Harmonized Version Contracts) and NCB packages (FIDIC) as well as NCB small to large contracts
  - Familiar with FIDIC (1999) version of Works and EPC/Turnkey Contracts
  - Experience in design, survey and construction of irrigation canals, canal headworks, distribution system, drainage works and small buildings
  - Experience in design and construction of pavement, road works and structures associated with roads and bridges
  - Experience in design, construction, supervision and quality control including geotechnical aspects of foundations of bridges
  - Experience in survey and design of STOL airports and helipads
  - Experience in procurement, dispute resolution, arbitration, contract/project management, contract/project administration
  - Experience in contract interpretation, contract analysis, claim assessment and preparation of claims and counter claims
  - Expert in geo-textiles/geo-synthetic structures

- Experience in Environmental management, poverty alleviation and social development through engineering works
- Familiar with Technical Audit

**Work History/Employment Records:****Arbitration:*****Ongoing;***

- Tribunal Member for Arbitration of disputes, between Sunkoshi Marin Diversion Multipurpose Project, Sindhuli (the “Employer”) and China Overseas Engineering Group Co. Ltd. (the “Contractor”), Contract No. *Civil-01/HRT/SMDMP/2077-78; Construction of Headrace Tunnel and Associated Structure for Sunkoshi Marin Diversion Multipurpose Project, Sindhuli, NEPCA*
- Tribunal Member for Arbitration of disputes, between Nepal Bureau of Standards and Metrology, Balaju, Kathmandu, (*Purchaser*) And Albelo Multi Trading Pvt. Ltd. Jwagal, Lalitpur (*Supplier*) CONTRACT NO: NBSM-01-077/78 (Package 1); Supply, Delivery and Installation of Universal Testing Machine (UTM) at NEPCA
- Tribunal Member for Arbitration of disputes, between Financial Comptroller General Office, Anam Nagar, Kathmandu (Client) And UHY Suvod Associates Chartered Accountants, Shankmul, Kathmandu (Consultant) Contract No. NP-FCGO-128326-CS-QCBS (Consulting Service for the review of Internal Control System Guidelines, 2075 and Developing operational internal control sample manual) at *NEPCA*
- Tribunal Member for Arbitration of disputes, between Department of Roads, Road and Traffic Unit, Chakupat, Lalitpur And Kabir-Rupa JV, New Baneshwor, Kathmandu, related with Road safety works at Harkapur-Okhaldunga-Salleri Road section: Contract ID; DOR/RSTU/337331-4/073-74/005 at *NEPCA*

***Accomplished from 2017 to 2022;***

- Presiding Arbitrator to the Tribunal for Arbitration of disputes, between Department of Roads, Chakupat, Kathmandu and Lama Builders/Salpa Sherpa/Jaybaba Gorkha JV Swoyambhu, Kathmandu related with Construction of Manohara Bridge along Indrayani Changunarayan Road, Contract No. CR/DRO-4/650/067/068-79 at *NIAC*
- Tribunal Member for Arbitration of disputes, between Department of Roads, Chakupat, Kathmandu and Supreme/Rautaha JV, Ratopul, Kathmandu, related with Improvement of Narayanghat-Mugling Road, Contract NIRTTP-DOR, W-ICB 3; (KM 23+540 TO KM 35+653); SOC -1 (prolongation cost) at *DRCN*
- Member Arbitrator to the Tribunal for Arbitration of disputes, between Department of Roads, Chakupat, Kathmandu and Supreme/Rautaha JV, Ratopul, Kathmandu, related with Improvement of Narayanghat-Mugling Road, Contract NIRTTP-DOR, W-ICB 3; Referral 3, 4A and 4B.
- Member Arbitrator to the Tribunal for Arbitration of disputes, between Department of Roads, Chakupat, Kathmandu and Supreme/Rautaha JV, Ratopul, Kathmandu, related with Improvement of Narayanghat-Mugling Road, Contract NIRTTP-DOR, W-ICB 3; Referral 1, 5A and 5B.
- Member Arbitrator to the Arbitral Tribunal for settlement of disputes, between Department of Roads, Road Improvement Project, Kathmandu and M/S Sudhakara Infratech Pvt. Ltd – Himdung and Thokar Construction Pvt. Ltd. Dhapasi, Kathmandu, related with Upgradin/Improvement works of Devdaha-Tinau Parsa Section of Lumbini Buddhist Circuit Road, (Chainage: 3+000~45+600); Contract Identification No. RIP/337133/LBS-03/077/71.

- Member of Arbitral Tribunal for the settlement of dispute between: Rail, Metrorail and Monorail Development Project, Department of Railways, Bishalnagar, Kathmandu vs M/s NK-Lumbini-Ashish JV, Rabi Bhawan, Kathmandu in the works related to Construction of Banke and Babhsi River IPC Beam Bridge, Contract No: DORW/MMER/Bridge -03/2074/075. Secretariat: DRCN
- Member of Arbitral Tribunal for the settlement of dispute between District Coordination Committee, Myagdi vs M/s Himdung Thokar-Nana Jv in the works on Rehabilitation and Upgrading of Road Works on Myagdi Deurali- Torpani Road Section. Secretariat: DRCN
- Presiding Arbitrator of Arbitration Tribunal for arbitration of disputes between Department of Roads, Chakupat, Kathmandu and Woodhill Lama JV, Maharajganj, Kathmandu in Narayanghat-Mugling Road, Contract NIRTTP-DOR, W-ICB 2
- Sole arbitrator for the settlement of dispute between Department of Roads (Employer) and Himdung and Thokar Construction (Contractor) on Construction of Ghurmi Chatara Koshi Corridor Road Works under Contract No. KHCP/GC/12/068/069
- Sole arbitrator for the settlement of dispute between Department of Roads (Employer) and Diwa-Jagrit Jv (Contractor) on Construction of Ghurmi Chatara Koshi Corridor Road Works under Contract No. KHCP/GC/19/068/069
- Member of the Arbitral Tribunal for settlement of dispute between Road Board Nepal (Employer) and Surya Construction Pvt. Ltd. (Contractor) regarding collection of toll tax on the Naubise-Mugling Road section, Contract No. Toll/1/2073/074
- Chairman of the Arbitral Tribunal for the dispute in connection with construction of buildings for Medical College Infrastructure Development Committee GETA, Kailali; between Medical College Infrastructure Development Committee GETA, Kailali and Rabina Construction Pvt. Ltd
- Member of the Arbitral Tribunal for the disputes of the Contract No. STEP/NCB/OS/01, 02, 03, 04 and 05 for construction of Okhaldhunga Salleri Road Project under ADB finance. *Employer: Department of Roads, Patan Dhoka, lalitpur; Contractor: Lama-Sharma JV*

### **Adjudication:**

#### ***Ongoing;***

- DB member for the settlement of dispute between Road Improvement Development Project Directorate, Department of Roads, Ram Mandir Road, Battispulati, Kathmandu vs M/S Gawar/Kashyap Jv, Kathmandu in connection with Upgrading/Improvement Works of Bardaghat-Paldanda-Tribeni Road (Ch 0+000 – 12+500), Contract No.: RIP/337133/BPT-05/2070/71
- DRC member in Upgrading/Improvement of Sindhuli Bazar (Sindhuli) – Hetauda (Makawanpur) Section; Contract No: DCGKSHP/PCU/337125/072/073-002, contract between Madan Bhandari Highway Project, Department of Roads, Hetauda, Makawanpur and M/s Kalika-Swachchhanda-Ranken JV, Baluwatar, Kathmandu
- DRC member in Upgrading/Improvement of Birendra Chowk (Udayapur)-Bhiman (Sindhuli) Section; Contract No: DCGKSHP/PCU/337125/072/073-001, contract between Madan Bhandari Highway Project, Department of Roads, Udayapur, Gaighat and M/s ZIEC-Sharma-Lama JV, Udayapur, Gaighat

#### ***Accomplished from 2017 to 2022:***

- DAB member for the settlement of dispute between DOWRI, Rani Jamara Kulariya Irrigation Project, Tikapur, Kailali vs M/S Kalika- Kumar JV, Kathmandu; Contract No. RJKIP/Lamaki extension/ICB-04/072/73.

- Member of Dispute Resolution Committee (DRC) for the dispute settlement between Department of Roads, Nepal and Lama-Danfe-Golden Good JV, Contract No. 3373124/TRIPJJ/071-72/01 in connection with Janakpur-Jatahi (JJ) six lane road
- Member of Dispute Resolution Committee (DRC) for the dispute settlement between Department of Roads , Nepal and Lama-Danfe-Dhukuchhu JV, Contract No. 3373124/TRIPJJ/071-72/02 in connection with Janakpur-Jatahi (JJ) six lane road
- Chairman of Dispute Board for Melamchi Water Treatment Plant, Sundarijal, Contract No. WTP/01 under JICA loan – *FIDIC 1999, Work Contract. Employer: Melamchi Water Supply Development Board, Kathmandu, Nepal; Contractor: VA Tech Wabag Ltd.-Pratibha Industries Ltd. JV*

#### ***September 2020 to February 2023***

- **Contract/Project- Manager/Expert/TL/Procurement Specialist** for Construction of access road and bridges for Melamchi Water supply project (MWSDB), Phase II from DSC: EPTISA –BETS JV in association with Tech Studio of Engineering, TAEC Consultants, SILT Consultants and BEAM Consultants.

#### ***February 2020 to August 2020***

- **Team Leader** from Civil Informatics and Solutions P. Ltd. as a Consultant for the Detailed Project Report Preparation (DPR) of Rural Connectivity Improvement Project (RCIP): Contract No. DoLI/RCIP/DPR-05/2019 by Department of Local Infrastructure (DoLI), RCIP, Project Coordination Unit (PCU), Pulchowk, Lalitpur

#### ***May 2017 to December 2019***

- Procurement and Contract management specialist for Earthquake Emergency Assistance Project (EEAP), Kathmandu for construction/reconstruction of earthquake resilient school buildings in quake effected districts in Nepal under CLPIU of Ministry of Education through DSC (ERMC-Silt-Cage-Pace JV) and ADB funding of about US\$ 81 Million

#### ***September 2016 to December 2016***

- Contract Engineer/Expert with China International Water and Electric (CWE) Corporation in Rasuwagadhi Hydroelectric Project, Employer as Rasuwagadhi Hydropower Company Limited (RGHPCL), NEA and having task of interpretation and analysis of the Contract (FIDIC, 1999 EPC/Turnkey), making contractual correspondences, preparing claims and counter claims etc.

#### **Accomplishment during Public service:**

##### ***February 2016 to March 2016***

Employer: Ministry of Physical Infrastructure and Transport  
 Position: Joint Secretary  
 Project and Location: Ministry of Physical Infrastructure and Transport, Singh Darbar, Kathmandu

##### ***Duties and responsibilities:***

Monitoring and Coordination of different projects and works under the Ministry.

##### ***January 2015 to January 2016***

Employer: Department of Roads (DoR), Babarmahal, Kathmandu, Nepal.  
 Position: Project Manager

Project and Location: Trade Route Development Project, Belahiya-Butwal Road (six lane), Manigram, Rupandehi

*Duties and responsibilities:*

Planning, budgeting, supervision, review progress, monitoring and evaluation and necessary intervention into the construction work of the project for quality work, cost minimization and timely completion of the six lane project. Build and maintain rapport with the concerned agencies for benefit and betterment of the project. Carried out land acquisition and right of way clearance on 2 km of the project road in the built-up area. **Project administration, contract administration, claim and dispute management for 7 NCB contract packages of the project for 12 km of value about NRs 2300 million comprising 2 packages each more than NRs 500 million.** Issued Work Completion Certificates to 3 of 7 packages for successfully completing the work. **Making contractual correspondences, analysis and interpretation of contracts, assessing claims submitted by the contractors, preparing claims and counter claims to the contractors.**

Involved in design modification and supervision and monitoring of Danda Khola Bridge about 45m in length.

**Customized and modified Prequalification documents and Standard Bidding documents, evaluated and Procured 4 NCB Contracts of value about NRs 2700 million for civil works to build the remaining 12 km of the six lane road through pre-qualification bidding procedure.**

**August 2013 to December 2014**

Employer: Department of Roads (DoR), Babarmahal, Kathmandu, Nepal.  
 Position: Project Director/Senior Divisional Engineer  
 Project and Location: Hulaki Rajmarg Project/Department of Roads, Babar Mahal, Kathmandu, Nepal

*Duties and responsibilities:*

Coordination among Project Managers, Consultant, lined Ministry and Indian Embassy. Supervise, monitor, evaluate and necessary intervention for timely progress in compliance with the target set as in the performance based contracts made by the project managers and the Project Director. Liaison with the concerned ministries and support to the project managers in land acquisition, right of way clearance etc. Procurement of bridge contracts, planning, budgeting and contract administration. Advised in technical and legal aspects during execution of the various bridges along the Postal Highway.

**March 2012 to July 2013**

Employer: Department of Roads (DoR), Babarmahal, Kathmandu, Nepal.  
 Position: Division Chief/Senior Divisional Engineer  
 Project and Location: Division Road Office, Bharatpur, Chitwan, Nepal

*Duties and responsibilities:*

Overall responsible for design, construction, supervision, quality control, monitoring and evaluation of the road maintenance works and the structures associated with, of the strategic road network of about 350 km in Dhading and Chitwan districts. Planning, budgeting, preparing annual road maintenance plan, monitoring, evaluation, adopt necessary measures to accomplish the deliverables in time of the construction and maintenance works in the Division. **Customized and modified the Standard Bidding Documents, evaluated and Procured; and contract administration of civil works contracts and small consultancy service contracts about more than 100 in number valued at about NRs 1500 million including RMDP contracts funded by World Bank.** Cleared the right of way encroachment on Prithvi Highway (83km) and Tribhuwon Highway (Naubise-Pipalamod 10.5km). Opening and managing traffic during monsoon on this **most important/major link road** from terai to the capital(KTM). Designed and executed rigid (RCC) pavement on Narayanghat-Mugling HW, Naubise-Pipalamod HW at stretches of length about 500m. Administrative works in the Division and keeping rapport with the local agencies/institutions.

Overall responsible for design, construction, supervision and quality control including geotechnical aspects of 16 multi-span bridges in Chitwan and Dhading districts. To be named a few in Chitwan district the bridges are Khageri Khola, Trishuli Das Dhunga (172m), Riyu Khola (205m), Budhi Rapti, Kayar Khola, Dhungre Nadi, Kayar Khola Shakti Khor, Budhi Rapti Chainpur (102m) and in Dhading districts these are Budhi Gandaki (100 m), Thopal Khola (50m), Aankhu Khola Tripureshwor Khahare (60m), Mahesh Khola, Aankhu khola Bangeraha (60m) and Dharke Khola (40m).

Project and contract administration including claims and dispute management arising from various contracts. **Making contractual correspondences, analysis and interpretation of contracts, assessing claims submitted by the contractors, preparing claims and counter claims to the contractors.**

***December 2009 to February 2012***

Employer: Department of Roads (DoR), Babarmahal, Kathmandu, Nepal.  
 Position: Project Manager  
 Project and Location: Phidim Taplejung (PT) Road Project, Phidim, Paanchthar, Nepal/ Project Directorate (ADB), Bishalnagar, Kathmanu

***Duties and responsibilities:***

Involved in procurement of 11 NCB packages for Phidim Taplejung Road of value about NRs 1000 million.

Project administration, contract administration and claim and dispute management of **11 NCB (FIDIC) contract** packages of the project. **Making contractual correspondences, analysis and interpretation of contracts, assessing claims submitted by the contractors, preparing claims and counterclaims to the contractors.**

Completed the upgrading works of about 95km of PT Highway (Extention to Suketar airport, Phidim and Taplejung Bazaar area), under Grant by **ADB**, in the capacity of a Project Manager. Planning, budgeting, supervision, review progress monitoring and evaluation and necessary intervention into the construction work of the project through consultant for quality work, cost minimization and timely completion of the project. Build and maintain rapport with the concerned agencies for benefit and betterment of the project. Carried out land acquisition, supervised and monitored the NGOs in executing the various social transport plus programmes for poverty alleviation, health and human anti-traffic awareness. Accomplished Technical Audit of Phidim Taplejung Road by an Expert assigned by National Vigilance Centre.

Consultant Team:

ND LEA Inc., Canada (Lead Firm) Association Partners: CEMAT Consultants (Pvt.) Ltd., Nepal, and Soil Test (Pvt.) Ltd., Nepal and Total Management Services, Nepal

***January 2008 to November 2009***

Employer: Department of Roads (DoR), Babarmahal, Kathmandu, Nepal.  
 Position: Project Manager  
 Project and Location: Dhalkebar-Janakpur Road Project, Janakpur, Dhanusha, Nepal/Project Directorate (ADB), Bishalnagar, Kathmanu

***Duties and responsibilities:***

Completed about 60% of the upgrading works on Dhalkebar-Janakpur Highway (25km), under Grant by ADB in the capacity of a Project Manager. Planning, budgeting, supervise, monitor and necessary intervention into the construction work of the project through consultant for quality work, cost minimization and timely completion of the project. Build and maintain rapport with the concerned agencies for benefit and betterment of the project. Carried out land acquisition, supervised and monitored the NGOs in executing the various social transport plus programmes for poverty alleviation, health and human anti-traffic awareness.

**Involved in design, cost estimation, preparation of bid documents, opening of bids, bid evaluation etc. and procured 2 ICB packages valued at NRs 450 million. Procurement of NGOs for social work as per ADB guidelines (QCBS).**

Project administration, contract administration and dispute management under **2 ICB packages (MDB harmonized version FIDIC contracts)** of the project. **Making contractual correspondences,**



**analysis and interpretation of contracts, assessing claims submitted by the contractors, preparing claims and counter claims to the contractors.**

Consultant Team:

ND LEA Inc., Canada (Lead Firm) Association Partners: CEMAT Consultants (Pvt.) Ltd., Nepal, and Soil Test (Pvt.) Ltd., Nepal and Total Management Services, Nepal

**July 2007 to December 2007**

Employer: Department of Roads (DoR), Babarmahal, Kathmandu, Nepal.  
 Position: Project Manager  
 Project and Location: Phidim Taplejung Road Project, Phidim, Paanchthar, Nepal/ Project Directorate (ADB), Bishalnagar, Kathmanu

*Duties and responsibilities:*

Involved in preparation of Bid documents, opening of bids, bid evaluation etc. of ICB and NCB packages as per ADB procurement guidelines. Involved in preparing the RFP documents and Procurement of NGOs for social work as per ADB guidelines. Land acquisition and right of way clearance.

**October 2006 to June 2007**

Employer: Department of Roads (DoR), Babarmahal, Kathmandu, Nepal.  
 Position: Senior Divisional Engineer  
 Project and Location: Maintenance Branch, Department of Roads (DoR), Babarmahal, Kathmandu, Nepal

*Duties and responsibilities:*

Prepared Integrated Annual Road Maintenance Programme of all the roads and bridges under strategic road network for the Dept. of Roads . Assisted the DDG in planning, budgeting, monitoring and evaluation of the road maintenance work in the department. Advised and provided suggestions in taking decisions through files, day to day and administrative works.

Attended the review Workshop in Bangkok, Thailand for deriving prices of the construction items in Nepal under **International Comparison Programme (ICP)**, funded by Asian Development Bank, Manila for construction sector using **Basket of Construction Component (BOCC)** approach.

**April 2005 to September 2006**

Employer: Department of Roads (DoR), Babarmahal, Kathmandu, Nepal.  
 Position: Deputy Programme Coordinator  
 Project and Location: Feeder Road Co-ordination Unit (Rural Access Programme funded by DFID, UK), Department of Roads, Babar Mahal, Kathmandu Nepal

*Duties and responsibilities:*

Compile and prepare Yearly Plan of Operation (YPO) as well as monthly, trimester and annual progress reports. Assisted the Programme coordinator in preparing the document “**Labour Based Construction Directive**” (LBCD) that would form the bases in implementing the labour based construction projects in DoR for the betterment of the poor and in order to alleviate poverty. In addition assist the coordinator in day-to-day work and monitoring and evaluation of the works under Rural Access Programme (RAP).

Deputation to Central Bureau of Statistics, Kathmandu where involved in **International Comparison Programme (ICP)**, funded by Asian Development Bank, Manila for construction sector using **Basket of Construction Component (BOCC)** approach. Attended the Orientation Workshop in Manila and involved in price collection of the construction items in Nepal for this purpose.

**April 2003 to March 2005**

Employer: Department of Roads, Babarmahal, Kathmandu, Nepal.  
 Position: Civil Engineer  
 Project and Location: Division Road Offices, Bharatpur, Chitwon

*Duties and responsibilities:*

Engineering survey, design, estimate, procurement, contract administration and construction supervision of Roads and the structures concerned for maintenance of Narayangarh-Mugling Road

(36km) and Prithvi Rajmarg (17km) of value about NRs 10 million. Different activities such as planning, procuring and executing all types of planned maintenance (routine, recurrent and periodic) works for Strengthened Maintenance Division Program conducted by Swiss Agency for Development and Cooperation, Nepal (SDC/N) as well as RMDP on the above roads of value about NRs 12 million. In addition construction supervision of emergency maintenance work on the above roads. In charge of the Kurintar site Camp.

Responsible for managing the largest disaster and aftermath emergency situation ever so far, during 2003 flood and land slide on Narayanghat-Mugling (NM) Highway 36 km, the only major link between the capital (Kathmandu) and Terai. Involved in opening the traffic under very severe conditions on the devastated Narayanghat-Mugling road and Prithvi Highway (Mowa khola-Mugling section 17km) within six days. Responsible for managing the mechanical and civil teams involved in the same operation. Surveyed, analyzed and developed the conceptual design of restoration and rehabilitation work for improvement of the ruined NM Highway that was later translated into detail design for implementation. Later involved in the detail design and procurement of 2 ICB packages funded by World Bank valued at NRs 200 million. Administered the contract and construction supervision as ARE for the package ICB/RMDP/REHAB/NM-10 (Km 24+000 to 36+000), funded by World Bank of value NRs 100 million, whereby different types of construction and improvement activities such as anchored RCC retaining walls, breast walls, bioengineering, pavements, channel stabilization, culverts, river control measures, resealing, asphalt etc. were executed.

Also involved in design, procurement, contract administration and construction supervision of the flood damage rehabilitation works executed by National Construction Company Nepal (NCCN) on NM Highway for opening the traffic temporarily of value about NRs 8 million.

### ***March 2000 to March 2003***

Employer: Department of Roads, Babarmahal, Kathmandu, Nepal.  
 Position: Civil Engineer  
 Project and Location: Central Regional Road Directorate, Min Bhavan, Kathmandu.

#### ***Duties and responsibilities:***

Gone to Bangladesh to study Master of Civil Engineering (Geo-technical).  
 Compiling and assisting in preparing annual programme. Compilation of trimester and annual progress report. Assisted the Regional Director in day-to-day work. Monitoring and evaluation of the construction works of the 7 Division Road Offices. Study different reports and give suggestions as instructed by the Director.

Worked as a consultant for designing, supervising, procuring and administering the contract for construction of **reinforced concrete pavement** inside the New Bus Park (Gongbu) area (about 15000 sqm) of value NRs 25million. Also worked as a consultant for procurement and administering the contracts and technical matters for 9 months.

### ***December 1995 to March 2000***

Employer: Department of Roads, Babarmahal, Kathmandu, Nepal.  
 Position: Civil Engineer  
 Project and Location: Division Road Office, Charikot, Dolakha, Nepal.

#### ***Duties and responsibilities:***

Engineering survey, design, estimate procurement and contract administration of construction (upgrading) of Dolakha-Charikot road (black top 4.4 km.) valued at NRs 5 million. Same work for maintenance of Lamosangu-Jiri road (110 km.) valued at NRs 40 million. Design, establishment, development and management of bioengineering nursery at Charikot valued at NRs 2.5 million. Slope and channel stabilisation work with bio-engineering measures on Lamosangu-Jiri road at 5 sites of value NRs 10 million. Different activities such as planning and execution of planned maintenance work for Strengthened Maintenance Division Program conducted by Swiss Agency for Development and Cooperation, Nepal (SDC/N). Preparation of yearly budget, programs and progress reports. Preparation of yearly plan of operation and graphical presentation of plan and progress of the work. Forest management (thinning of trees) work (100 ha) at Charnawoti. Supervision and monitoring of slope and channel stabilisation work at Charnawoti accomplished by Lamosangu-Jiri road project (SDC/N). Design procurement and contract implementation of bridge protection and river control measures of



Liping khola bridge at Arniko Highway valued at NRs 6 million. Survey, design, procurement and contract administration of contract packages for construction of Jiri-Palanti road (10km) and the structures associated with valued at NRs 10 million. Refurbishing work on different buildings at Charikot camp of value NRs 1 million. Incharge of technical section. Responsible for management of construction equipment, machinery, main camp and administrative works. Design, estimate, procurement and contract administration of construction of District Roads (30 km) valued at NRs 15 million. Engineering consultancy to District Development Committee.

***January 1994 to November 1995***

Employer: Department of Roads, Babarmahal, Kathmandu, Nepal.  
 Position: Civil Engineer  
 Project and Location: Division Road Office, Lalitpur, Kathmandu, Nepal.

***Duties and responsibilities:***

Engineering survey, design, cost estimate, procurement and contract administration of the contracts for maintenance and construction works of city roads (40 km), other roads (feeder and district) 30 km of value NRs 40 million. Same work for bridge protection and flood control works of value NRs 8 million. Involved in Strengthened maintenance Division (SMD) pilot program run by SDC/N for planned maintenance work wherein a management tool was developed for the later application in the program. Management of construction equipment, machinery, staff and administrative works. Monitoring and evaluation of the above works. Preparation of proposals for yearly budget, programs and progress reports. Engineering consultancy to District Development Committee (DDC).

***October 1992 to December 1993***

Employer: Department of Roads, Babarmahal, Kathmandu, Nepal.  
 Position: Civil Engineer  
 Project and Location: Division Road Office, Dang, Nepal.

***Duties and responsibilities:***

Engineering survey, design, cost estimate, procurement and contract administration of construction of Ghorahi-Holeri road (9 km) under USAID finance of three packages valued NRs 10 million. Same work of village gravel roads (25 km) of value NRs 5 million. Maintenance and up-keeping of Mahendra Highway (80 km), Chakchake-Rolpa feeder road (35km) and Lamahi-Tulsipur feeder road (47 km) of value NRs 5 million. Incharge of planning and design section and the main camp at Ghorahi where involved in procurement of more than 20 contracts. Monitoring and evaluation of the above contracts and preparation of proposals for yearly budget, programs and progress reports. Management of construction equipment and machinery plus administrative works. Engineering consultancy to DDC.

***July 1990 to September 1992***

Employer: Department of Civil Aviation, Babarmahal, Kathmandu, Nepal.  
 Position: Civil Engineer  
 Project and Location: Department of Civil Aviation, Babarmahal, Kathmandu, Nepal.

***Duties and responsibilities:***

Engineering survey, design and estimate of STOL (short take off and landing) airport at Kamal Bazar, Achham. Pre-feasibility of STOL airport at Sainfaant, Achham. Survey and master planning of Bhojpur airport. Survey and design of different helipad sites for construction of access roads to Arun III Hydel project. Survey and planning work of Biratnagar and Tumlingtar airports for upgrading. Inspection and verification of Tikapur airport for taking over.

***December 1988 to June 1990***

Employer: Department of Irrigation, Panipokhari, Kathmandu, Nepal.  
 Position: Civil Engineer  
 Project and Location: Babai Irrigation Project, Baidi, Bardia, Nepal.

***Duties and responsibilities:***

Engineering survey, design, estimate, procurement and construction of the building for installation of gabion netting machine at Nepalganj of value about NRs 1 million. Alignment fixing of the weir cum bridge (Headwork) in Babai river at Mahendra Highway. Engineering survey and design of the main canal and branch canals (36 km). Involved in procurement and contract management of Construction of

Weir cum Bridge over Babai river and desilting channel of value about NRs 190 million. Rehabilitation works of the camp buildings. Management of equipment, staff and administrative work.

**September 1982 to November 1988**

Employer: Department of Irrigation, Panipokhari, Kathmandu, Nepal.  
 Position: Civil Engineer  
 Project and Location: Nepal Gandak Western Canal Project, Semari, Nawalparasi, Nepal.

**Duties and responsibilities:**

Engineering survey, design, estimate and construction for rehabilitation work of main canal and branch canals (67 km) of value about NRs 9 million. Same work for construction of service (gravel) roads (75 km), minor irrigation and drainage improvement work (command area 1800 ha) of value about NRs 7.5 million. Design and construction of natural drainage improvement and flood control work on Singaha, Raipurwa and Mahalbari channels (18 km) of value about NRs 7 million. Construction of godowns and fieldman quarters (1 + 3 numbers) of value about NRs 1.5 million. Incharge of the canal headworks and the camp. Management of canal regulation work, equipment, machinery and staff.

Involved in the procurement of all the above works and other packages in total **10** packages. Administered the above contracts and had timely completion.

**Training/Workshop/Seminar**

SN.	Title	Year	Institution/ Agency	Duration
1	Irrigation management	1986	National Irrigation Administration, Consult. Inc., Philippines	4 weeks
2	Development Administration	1994	Nepal administrative Staff College, Lalitpur, Kathmandu	5 weeks
3	Bioengineering for slope stabilisation	1996	Geo-environmental Unit, Department of Roads, Babar Mahal, kathmandu, Nepal	5 weeks
4	Bioengineering and Low cost Slope stabilisation techniques	1998	School of Agriculture, Food and Environment, Cranfield University, UK	10 weeks
5	Erection of Steel Truss Bridge		Bridge Unit, Department of Roads, Babar Mahal, kathmandu, Nepal	2 days
6	Periodic Maintenance Training (Surface Dressing) for Engineers	2004	SMDP, Department of Roads, Babar Mahal, kathmandu, Nepal	1 week

7	Contract and arbitration management	2006	Dept. of Roads, Babar Mahal, KTM, Nepal. Conducted by DHV Consultants, D.V. Netherland	5 days
8	Procurement and contract management	2006	Nepal administrative Staff College, Lalitpur, Kathmandu	9 days
9	Application of low cost surfacing (OTTA SEAL) works	2006	Road and Traffic Unit/SMDP, Department of Roads, Babar Mahal, Kathmandu	2 days
10	Basic GIS Training	2007	Himalyan Institute of Technology, Kathmandu, Nepal	60hrs
11	Orientation program on Interim Guidelines for “Enhancing Poverty Reduction Impacts of Road Projects” (EPRIRP)	2007	GESU, Department of Roads, Babar Mahal, Kathmandu, Nepal	3days
12	Training of Trainers (ToT) program on EPRIRP	2007	GESU, Department of Roads, Babar Mahal, Kathmandu, Nepal	4days
13	Workshop on Economic Evaluation and Environmental Assessment of Roads	2007	Planning and Design Branch, Department of Roads, Babar Mahal, Kathmandu, Nepal	5days
14	Workshop on Public Service Delivery: Putting the Public First	2007	Nepal administrative Staff College, Lalitpur, Kathmandu	3days
15	Training on Landslide Risk Management	2008	Department of Roads, Babar Mahal, Kathmandu, Nepal and Asian Disaster Preparedness Centre	3days
16	E-Procurement training	2008	Kathmandu University, School of Mangement, Kathmandu, Nepal	3days
17	Training on FIDIC Contract management, Quality Management and Business Integrity Management	2009	Ministry of Physical Planning and Works, Foreign Cooperation and Quality Standard Division, Singh Darbar, Kathmandu, Nepal	2days
18	Senior Road Executive Programme 2009 on Road Safety	2009	University of Birmingham, UK and IRF	3days
19	Senior Road Executive Programme 2009 on Road Maintenance Management	2009	University of Birmingham, UK and IRF	3days
20	Seminar on Project Implementation and Administration	2009	ADB and Ministry of Finance, Govt. of Nepal, Kathmandu, Nepal	7days
21	Training on Procurement and Quality Control	2010	Asset Management, Contract Management and Quality Control Project (ACQMP), Dept of Roads and Vertsatile Research and TRAINING Academy (VRATA)	5days
22	International FIDIC Contracts Training Course on “The Practical Use of the FIDIC Conditions of Contracts” and Management of Contract Claims and Dispute Resolution” under the 1999 FIDIC Contract	2010	International Federation of Consulting Engineers	4days
23	Training Program on “Project appraisal”	2011	Nepal administrative Staff College, Lalitpur, Kathmandu	5weeks
24	Training on Bid Evaluation Process for World Bank Financed Project	2012	RSSDU, Dept. of Roads and Advanced Research and Training Institute, Kathmandu, Nepal	2days
25	Seven Day Basic Mediation	2013	Nepal Judicial Academy, Lalitpur, Nepal	7days

	training			
26	Training of Trainers	2013	Training Institute for Technical Instruction (TITI), Bhaktapur, Nepal	10days
27	Monitoring and Evaluation Training	2013	GoN, Ministry of Physical Infrastructure and Transport (MoPIT), Singh Darbar, Ktm	2days
28	Technical Auditors Training	2015	National Vigilance Centre and Local Development Training Centre/IPTM Nepal, Kathmandu	3 weeks
29	FIDIC Training for Dispute Adjudication Board ( <b>DAB</b> )	2022	Dispute Resolution Centre, Nepal	2 days

**Languages:**

S.N.	Language	Speaking	Writing	Remarks
1	English	Excellent	Excellent	
2	Nepali	Excellent	Excellent	National language
3	Hindi	Good	Good	
4	Maithili	Excellent	Excellent	Mother tongue
5	Bengali	Good	-	

**Members:**

SN	Name	Type	Remarks
1	Nepal Engineering Council, Kathmandu	Ka, Civil	R. No.2938
2	Nepal Engineering Council, Kathmandu	Member, Governing Board	
3	Dispute Resolution Centre, Nepal	Founder Member	
4	Nepal Engineers Association, Kathmandu, Nepal	Life Member	R. No.1784
5	Nepal Council of Arbitration, Kathmandu, Nepal	Life Member and Panelist	
6	Indian Road Congress, Jam Nagar House, New Delhi, India	Member	
7	Institution of Engineers, India	Fellow Member	F-123504-0
5	Nepal Geotechnical Society	Life Member	
6	Society of Transport Engineers, Nepal	Life Member	0301

I, the undersigned, certify that, the above bio-data submitted by me truly describes my qualifications, experience and my work accomplished so far.

Faithfully Yours



(Birendra Mahaseth)