

Name : **DINKER SHARMA**

Profession : Civil Engineer/ Procurement and Contract Management Specialist and Trainer

Present Position: Free Lance/Retired former Director General of Department of Roads

Date of Birth : 20th October, 1955

Sex : Male

Marital Status : Married

Nationality : Nepali

Education : Bachelor of Technology in Civil Engineering from the Indian Institute of Technology, Kanpur India in 1978.

: Masters of Engineering from the Asian Institute of Technology, Bangkok Thailand in 1987.

Year of Experience : 35 years

Specific Experience :

- Familiar with World Bank and Asian Development Bank procurement procedures
- Familiar working with International Consultants and International Contractors
- Familiar with Government procurement procedures
- Worked as Team Leader/Project Manager/Division Chief with extensive experience in Road Projects
- Experience in design and survey of water supply projects-its distribution, small irrigation projects and its structures
- Poverty alleviation and Social Development in Engineering Works
- Involved in preparation of Policy Documents for Government of Nepal
- Extensively involved in drafting of Procurement Act 2063 and Procurement Regulation 2064
- Procurement and Contract Administration & Management Expert and Trainer and trainer on 'Technical Audit' and 'Negotiation Skills'.
- Conducted "In House International FIDIC Contracts Training Course" and presented paper on "Use of FIDIC 1999/ FIDIC MDB & FIDIC 1989".

-Experience as Adjudicator:

- Naubise Mugling Road Toll Collection Contract (Roads Board Nepal vs Sharma Company)
- Narayanghat Hetauda Road Toll Collection Contract (Roads Board Nepal vs Danfe Construction)
- Narayanghat Butwal Road Toll Collection Contract (Roads Board Nepal vs Danfe Construction)
- Sindhuli District Court New Building and Building Infrastructure Project (Sindhuli District Court vs Siddababa/ Anjana Construction JV).
- Small Towns Water Supply Project – Baglung. STWSP Vs Tundi Construction
- Small Towns Water Supply Project – Sandikharka. STWST Vs Tundi Construction

-Experience as Dispute Board Member:

- Butwal Narayanghat Road Toll Collection Contract (Roads Board Nepal vs Santoshi Nirman Sewa)
- Chameliya Hydroelectric Project (Nepal Electricity Authority vs China Gezhouba Group)
- Kulekhani Hydroelectric Project (Nepal Electricity Authority vs SINOHYDRO/Lumbini JV)
- Sole Dispute Board Member for Distribution Network Improvement for Efficient NRW Management KUKL vs Lama Construction.
- Upper Trishuli 3A Hydroelectric Project (Nepal Electricity Authority vs China Gezhouba Group)
- Rahughat Hydroelectric Project (Nepal Electricity Authority vs IVRCL India Ltd)

DB Member proposed for Construction of Water Treatment Plant at Sundarijal (85 Ml/d) Contract WTP/01 between Melamchi Water Supply Development Board vs VA Tech Wabag Limited – Pratibha Industries Limited JV.

-Experience as Arbitrator:

- SIKTA Irrigation Project(Department of Irrigation vs SINOHYDRO/Lumbini JV)
- Involved as a member of the “High Level Investigation Committee” on Madhya Marsyangdi Hydro Electric Project.
- Drafted Contract documents on Engineering Procurement Construction model for Chilime Hydroelectric Company to procure contractors for:
 - Rasuwadhi Hydroelectric Project (capacity 110 MW)
 - Madhya Bhotekoshi Hydroelectric Project (capacity 102 MW)
- Drafted Consulting Document for procurement of Supervision Consultant for Chilime Hydroelectric Company to procure consultant for:
 - Rasuwadhi Hydroelectric Project (capacity 110 MW)
 - Madhya Bhotekoshi Hydroelectric Project (capacity 102 MW)
- Carried out evaluation as Chairman of Evaluation Committee for
 - Melamchi Diversion Tunnel Project
 - Melamchi Water Treatment Plant Project
- Carried out numerous training programs as a resource person or coordinator on Procurement of Goods, Works and Services for various Departments, Ministries, Staff College, TITI and Kathmandu University etc.
- Designed courses on Procurement of Goods, Works and Services for the above institutions
- International experience of training as Arbitrator:
 - Georgetown University, International Law Institute, Washington D.C. on “Advanced Arbitration and Mediation” a two weeks training programme.
 - “International Commercial Arbitration training –Study of a mock case under the ICC Rules of Arbitration” at International Chamber of Commerce, Paris, France.

Employment Record :

2013/10/22 onwards: Working as freelance with different private entities.

Appointed Coordinator to draft Prequalification Document for Bheri Babai Diversion Project, Department of Irrigation.

Independent Evaluation of prequalification process for Bheri Babai Diversion Project. Appointed as a “Sole Dispute Board Member” for KUKL Project – Contract No. KUKL/DNI/01/06.

Drafted Procurement Guidelines for ‘Commision for Investigation for Abuse of Authority (CIAA)’. Conducted training sessions for the same.

2013/07/21 to 2013/10/22: Ministry of Infrastructure Development and Transport

Deployed as a joint secretary in the Ministry of Infrastructure Development and Transport. Work assigned to supervise works under the Department of Roads, Department of Railways, Fast Track Project and other development works under the Ministry road

2012/01/07 to 2013/07/19: Employer Department of Roads

Worked as Director General in the Department of Roads. Responsible for planning, policy making, monitoring and management of road networks in the Country. Annual Budget of the Department of NRs 31 billion (75 NRs= One US\$).

Also involved as consultant for drafting contract document on EPC model for the construction of Chilime Hydroelectric Projects (three different projects of 270 MW capacity). Also drafted Consulting Services document for the same project.

2011/08/09 to 2012/01/06: Employer KSUTP

Worked as a Project Director for Kathmandu Sustainable Urban Transport Project funded under the Asian Development Bank. Responsible for procurement of Consulting Services for the said works. Dealing with various stakeholders related to the Project for developing a safe, reliable, efficient transportation network for the Kathmandu city.

2011/01/29 to 2011/08/08: Employer Department of Roads

Worked as Deputy Director General for the Maintenance Branch of the Department of Roads. Responsible for monitoring of maintenance of all the roads under the Department jurisdiction.

Conducted training program for Administrative Staff College of Nepal on “Procurement management”. The focus was on Department of Irrigation Engineers.

Consultant to Administrative Staff College of Nepal on “Preparation of Training Need Assessment and Proposed Curriculum Design For Programson Public Procurement.

2008/11/27 to 2011/01/28: Employer Project Directorate Office

Worked as Project Director in the Project Directorate of the Department of Roads and responsible for execution and implementation of all Road Projects under the Asian Development Bank funding. Also responsible for procurement, contract management, monitoring and evaluation of different projects under the ADB. In addition, involved as Dispute Review Board Member and Adjudicator for various projects. Working as resource

person in training programs for Staff College and various other Institutions. Also involved as Resource person and paper presenter in “In House International FIDIC Contracts Training Course” and presented paper on “Use of FIDIC 1999/ FIDIC MDB & FIDIC 1989”.

Undertook “Arbitration and Mediation (Advanced)” training in The International Law Institute - Georgetown University, Washington D.C.

Undertook “International Commercial Arbitration training –Study of a mock case under the ICC Rules of Arbitration” in International Chamber of Commerce, Paris, France from May 17 to 20, 2010.

Chairman of Bid Evaluation Committee for Melamchi Water Treatment Plan cost approx. US \$ 80 million.

Arbitrator for Sikta Irrigation Project.

2007/07/11 to 2008/11/27 : Employer

Department of Roads

Working as **Deputy Director General** in the Department of Roads and responsible for Government Policy level decisions. Responsible of Design, Planning and procurement of Roads and Bridges and related contractual matters. Also responsible for the preparation of Standard Bidding Documents and specifications to be used in the Department. Conducted various training programs on Procurement Management and Contract Administration for Staff College, Department of Roads, Department of Irrigation, Department of Health. Involved in e-procurement aspects in DoR to some extent. Working as Member of Dispute Resolution Board for settlement of claims between China Gezhouba Water and Power Corporation and Nepal Electricity Authority. Also working as Adjudicator for two other Projects. **Coordinator** for the Bid Evaluation Committee in the Department and have recently carried out Bid evaluation for

- Procurement of Works and Services for selection of Contractors and Consultants respectively for Road Improvement Project (RIP) funded by the Government of India.
- Procurement of Vehicles (goods) to be procured through the World Bank Guidelines for Road Sector Skills Development Project funded under the WB grant.
- Also worked for the Ministry of Physical Planning and Works, as a Coordinator to evaluate the ‘Bid for the Construction of Diversion Scheme (Tunneling Works) for Melamchi Water Supply Project’ procured under the Asian Development Bank Guidelines cost approx. US \$ 70 million.

In addition, presentation made to the **World Bank Group in Washinton D.C.** on “Procurement and Contracting System suitable for Infrastructure Procurement” on 6th November, 2008 – web site: [www.worldbank.org /WBSITE/EXTERNAL/TOPICS/EXTTRANSPORT](http://www.worldbank.org/WBSITE/EXTERNAL/TOPICS/EXTTRANSPORT).

2006/02/20 to 2007/07/10: Employer

Ministry of Physical Planning and Works

Worked as Superintending Engineer. Responsible for Government policy level decision making. Interacting with National Planning Commission and Finance Ministry. Involved in drafting and formulation of Procurement Act and Regulation. Conducted various training programs on Procurement Management and Contract Administration for Staff College, Department of Roads, Department of Water Supply and Sanitation. Worked as Member of Dispute Resolution Board for settlement of claims between Santoshi Nirman Sewa and Roads Board Nepal.

2004/3/18 to 2006/02/19: Employer Department of Roads

Worked as Coordinator for Rural Access Program supported by the DFID/UK. The purpose of RAP was to support Government’s policy to reduce poverty among the poorest of the poor by providing necessary transportation facilities and by providing Enhancing Poverty Interventions. Responsible for drafting manuals, guidelines, specifications, construction

documents and policies suitable for use to Road Builders Group for the construction of roads. Worked as team member in **short listing and RFP** evaluation of international consultant under the **World Bank** guidelines for **Priority Investment Plan and Feasibility of Roads in Nepal** to be funded by the **World Bank**.

Also involved as a member of the **special Committee** for drafting the **Procurement Act and Procurement Regulation** for His Majesty's Government of Nepal. Also conducted intensive training Program on Basic Procurement Practices and Management as **Trainer and Resource Person**.

2003/03/11 to 2004/3/17: Employer Department of Roads

Worked as **Division Chief/ Project Manager** and responsible for **procurement, contract management, planning, maintenance, upgrading and improvement** of 334 km of roads. Work responsibility also consists of recurrent and periodic maintenance planning of roads in addition to the management and implementation of recurrent and periodic maintenance work under the **World Bank and HMG/Nepal** guidelines.

2000/07/12 to 2003/03/11: Employer 'Department of Roads

Worked as **Senior Divisional Engineer/ Project Manager** in the Project Directorate. Responsible for **Asian Development Bank** funded projects only. Works consisted of preparation of **Bidding Document** and Selection Criteria for the procurement of International Consultants and the International Contractors under the ADB guidelines. Bidding Documents were also prepared for Basantpur Khandbari road to be implemented by the Community Based Organisations and the Local Communities. Also involved in Environmental assessments and Engineering assessment and feasibility study of roads to be funded and procured under the ADB guidelines. Carried out Environmental Impact Assessment for Basantapur Khandbari road (96 km). Public hearing and community participation was carried out for this study. Initial Environmental Examination was carried out for a road length of additional 224 km. Also involved in the resettlement issues and assessment of resettlement for the Basantpur Khandbari Road and Dolalghat Chautara Road.

2002/06/09 to 2002/09/27 Employer Mutual Engineering

Worked as **consultant** to Mutual Engineering Consultancy Pte. Ltd. Involved in preparation of contract document, preparation of bidding document, specification, prequalification evaluation document and evaluation criteria for a road length of 69 km Rowaling Road Project.

2001/04/19 to 2001/07/21: Employer Mutual Engineering

Worked as **consultant** to Mutual Engineering for the stabilization and slope protection of quarry site of Hetauda Cement Industry. The area consisted of road length from Khahare Khola to mine site , a distance of 16 km. The purpose of the study was to study and recommend on the measures to be taken for its stabilization and slope protection.

1996/04/20 to 2000/07/12: Employer Department of Roads

Worked as **Project Manager** for **Lamahi Tulsipur Road Improvement Project** under the ADB funding program. The contract was an ICB with consultant as **Scott Wilson Kirpatrick of UK** and the contractor **Hanyo Construction and Koneco Construction of Korea** as JV. Work consisted of upgrading the 47km of road to a DBST standard. Also involved in the contractual arbitration process and an amicable settlement of works with the contractor.

1995/04/16 to 1996/04/20: Employer Department of Roads

Worked as **Division Chief** in remote Baitadi district. Responsible for procurement works for rural road construction and implementation. Associated with **Community Based Organisations** and the Local Communities for road construction. The work also involved

maintenance of Anarkholi-Patan-Baitadi road (47 km) and new construction of Baitadi-Jhulaghat road (23km).

1993/12/01 to 1995/04/16: Employer Department of Roads

Worked as **Project Manager** in Phidim Taplejung Road Project. Responsible of management and implementation of the office activities supported by about 50 staff including technical and non-technical ones. Main responsibility was construction of new roads from Phidim to Taplejung a length of 84 km and also maintenance of the existing constructed roads. Also responsible for the design, procurement and implementation of bridge over Kabeli River 78m long. This work involved construction of Bailey bridge over the river. The works also involved preparation of Bidding Document and procurement under Goods and Works for the same.

1992/12/31 to 1993/12/01: Employer Department Of Roads

Worked as **Division Chief** in Palpa District. Responsible for maintenance of local roads out of which 68 km was paved, 11 km was graveled and 67 km was earthen. Additional 25 km of roads were also constructed to as per Green Road standard using local communities and means thus mitigating environmental damage.

1992/07/05 to 1992/12/31: Employer Department of Roads

Worked as **Senior Divisional Engineer** in Planning Branch of the Department of roads. Responsible of planning of roads for His Majesty's Government of Nepal as per the guidelines set by the National Planning Commission. Involved in various interactions with the National Planning Commission as per the requirement of the Department.

1991/04/11 to 1992/07/05: Employer Department of Roads

Worked as **Division Chief** in Tanahun District. Responsible for mangement of 35 technical personels and deployment of machines for construction purposes. Also responsible for maintenance of 98 km of bituminous road and about 35 km of gravelled road. In addition, work was involved with interaction with the local communities for the construction of additional 35 km of new roads.

1991/01/04 to 1991/04/11: Employer Department of Roads

Worked as **Senior Divisional Engineer** in the Design Branch of the Department of Roads. Involved in the design of roads, roads side structures and small bridges.

1989/03/02 to 1991/01/04: Employer Department of Roads

Worked as **District Engineer** in Dhading District and responsible for maintenance of 23 km gravelled road and about 25 km of earthen road in the Dhading District. Also responsible for the design and construction of bridge over Trishuli River (94 m). The bridge was of Bailey superstructure.

1987/11/26 to 1989/03/02: Employer Department of Roads

Worked as **District Engineer** in Makwanpur District and responsible for maintenance of 89 km of national highway, 15 km of gravelled road and 35 km of earthen road network in Makwanpur. The job also involved management of 42 technical staff and their recruitment at local level and management of machines and equipments to carry out the maintenance and construction works.

1983/07/18 to 1987/11/26: Employer Abhiyant Consultancy

Worked as **consultant** in Abhiyant Consultancy and was involved as

- Team Leader for Kapilakot Water Supply Project. The objective was to survey , design water supply works for a community of 1,500 people.
- Team Leader for Khansang Water Supply Project. About 2,000 people were to be benefited from the water supply works.

- Team Leader to Ban Ganga Irrigation Project in Kapilbastu District. This work involved detailed design and survey works for irrigation purposes for an area of 400 hectares of land and benefited a community of 500 household.
- Team Leader to Raghunathpur Irrigation Project in Mahottari District. It involved detailed design and survey works for irrigation purposes for an area of 250 hectares of land.

1981/01/22 to 1983/07/18: Employer Department of Roads

Worked as an **assistant Engineer** in the Design Section of the Department of Roads. Took the responsibility of the team leader for the construction survey and detailed design of Busti-Khimi-Rammechhap Road (54km). Also carried out the detailed survey and design works for the Barahachhetra-Bhojpur Road (33km). In addition, was also involved in the detailed survey and design of 7 nos. of bridges along Nepalgunj-Surkhet Road.

1980/03/27 to 1981/01/22: Employer Ministry of Works and Transport

Worked as **assistant Engineer** to the Public Works Services Office in Tanahun District and worked in close coordination with the District Development Committee. Worked involved working with local communities and community based organisations for survey, design and construction of small water supply, irrigation and road structures. The local communities were also trained how to maintain and take care of the infrastructures themselves.

1978/09/25 to 1980/03/27: Employer Department of Roads

Worked as an **assistant engineer** in the Baitadi Dadeldhura Road Project Responsible to carry out construction works as per approved design for a road length of 37 km. The works consisted of new road construction in the hilly rough mountainous terrains and the assignment demanded for construction survey, site supervision and technical judgement for the construction of road in very remote part of the country.

Appointed in **His Majesty Government's** Service in 1978/09/25 . Involved in Road Inventory Survey for road network with the Canadian Advisor.

Seminars/Trainings and Workshops

1987/10/11 to 1987/11/24: Training on ‘**Development Administration and Management**’ organised by Nepal Administrative Staff College from 11th October to 24th November, 1991

1989/02/06 to 1989/04/17: Training on ‘**Mountain Risk Engineering**’ organised by **International Centre for Integrated Mountain Development (ICIMOD)**, Nepal and sponsored by the Commission of the European Communities. The training program consisted of programmes in engineering geology, geomorphology, geophysical data collection and interpretation and analysis related to prefeasibility, feasibility, construction and maintenance cycles of infrastructural projects.

22/01/1996 to 03/03/1996 : **Environment Management seminar** organized by **Japan International Co-operation Agency** in Osaka Japan

1997/03/21 to 1997/03/21: Participation in the ‘**Country Seminar on Project Implementation and Administration**’ organised jointly the **Asian Development Bank** and **His Majesty's Government of Nepal** in Kathmandu, Nepal.

2000/05/29 to 2000/06/09: Participation in the ‘**Regional Seminar on Project Implementation and Administration**’ held in Manila, Philippines organized by the **Asian Development Bank**.

2002/07/02 to 2002/07/05: Successful completion of ‘**The Seminar on the Use of Consulting Services**’ held in Kathmandu, Nepal jointly by the **Asian Development Bank** and **The Ministry of Finance/ HMG Nepal**.

Workshop on **‘Technical Directives and Annual Road Maintenance Programme (ARMP)** organised by the **Roads Board Nepal (RBN)**

Training on **‘Periodic Maintenance Program of Road in Dhulikhel’** focusing on surface dressing works and related activities from 16th to 22nd May, 2004 conducted by **SMDP**, Department of Roads.

Training on Technical Audit conducted by National Vigilance Center under **ADB TA 4275 – NEP Strengthening Project Implementation and Quality Assurance** from 6th December to 27th December, 2004.

Involved as a member of the steering committee from the Department of Roads for Review and **Drafting of Procurement Act and Regulation** prepared by the HMG/N Auditor Generals Office under sponsorship of **World Bank**.

Participated in the **Training of Trainers** 3 weeks program on **Basic Procurement Practices and Contract Administration** from 4th January, 2004 conducted jointly by **Staff College of India, Hyderabad and Staff College of Nepal** organized by **HMG/N Auditor Generals Office** and sponsored by the **World Bank**.

Involved in Drafting of **Project Operation Manual** for use in **RAP Projects and Community Participation for Poverty Alleviation and Social Development**.

Successfully completed a three day training on **Negotiation Skills** conducted by Empowerment Learning Development from 1 to 3 May, 2005.

Participated as a trainer in the Advanced Trainers Program on **Procurement Management** from June 6 to 22, 2005 conducted by the **Administrative Staff College of India** in Hyderabad, India.

Trainings and Presentations conducted as Trainer and Resource Person so far:

Training to **Auditor Generals Office** officials on **“Price Adjustment and Escalation in Contract Administration and Implementation”**

Presentation to the Donors Meeting on **‘Rural Access Program’**

Training conducted on **“Negotiation Skills”** at **Staff College**.

Training conducted on **“Basic Procurement Practice and Management”** to **HMGN officers** at **Staff College**

Training conducted on **“Contract Administration and Implementation Post Award Aspects”** to **HMGN officers** at **Staff College**

Training conducted on **“Case Studies on Contract Management for Goods and Works”** to **HMGN officers** at **Staff College**

Presentation on **‘Enhancing Protection Interventions and Social Engineering in Development Works’** to the **Donors meeting**.

Training conducted on **“Technical Auditing and Performance Evaluation”** at **Staff College**

Training conducted in **TITI** for **“Technical Auditor”** on **‘Earned Value, Cost Effectiveness, Variations and Claims and on Transparency of Procurement Processes’**.

Training conducted in **Staff College** on **Least Cost and Cost Effectiveness Analysis**.

Training conducted in **Staff College** on **Role and Function of Project Manager**.

Training conducted in **Staff College** to **Department of Roads Engineers** on **Procurement and Contract Management for Works, Goods and Services**.

Training conducted for the **Department of Water Supply and Sanitation Engineers** on **Basic Procurement Practices and Contract Management**. Training focused on all aspects of procurement including Goods, Works and Services.

Training conducted to the **Department of Health** personnel on Procurement Practices in Health sector

Training conducted to the **Department of Irrigation** personnel on Project Identification and Procurement Practices

Training Conducted to the **Ministry of Finance Officials** on **Project Negotiation Skills**

Training Conducted to the **Department of Roads Engineers** on **Procurement Practices and Contract Administration for Goods, Works and Services**.

Training Conducted to the **Department of Roads Engineers** on **‘Price Escalation, Settlement of Disputes and Arbitration, Risks in Contract, Different terms in the Provisions of Contract for Goods, Works and Consulting Services.’**

Training Conducted to the **Department of Roads Engineers** on **‘Technical Audit and its application and use of Earn Value in Project Management’**.

Training Conducted to the **Department of Roads Mechanical Engineers** on **‘Contract Administration and Management for Goods, and use of INCOTERMS in International Practice.’**

Documents Produced:

“Labour Based Directives” for use to **Department of Roads** using Road Construction as a tool to Poverty Alleviation.

“Bid Document on Toll Collection” for use of **Roads Board Nepal**.

“Standard Bidding Document” for use in Department of Roads and also to FCGO.

Involved as special **Committee member** for preparation of **“Procurement Act and Regulation”** for Government of Nepal.

Memberships

Life Member of Nepal Engineer's Association. Membership No. 537
Registered Member of Nepal Engineering Council. Registration No. 544 (Civil).
Member of "The Dispute Resolution Board Foundation", Austin. Seattle, USA.
Life Member of Nepal Council of Arbitration (NEPCA)
Member of Panel of Arbitrator – NEPCA
Member of Executive Committee of NEPCA

This is to certify that the above bio-data that I have submitted truly reflects the works that I have carried out during my career so far.

Truly yours,

(Dinker Sharma)