

<b>1. Proposed Position</b>	:	<b>Deputy Team Leader (1)/ Water Supply Specialist</b>			
<b>2. Name of Firm</b>	:	CMS Engineering Consult Private Limited			
<b>3. Name of Expert</b>	:	<b>Poorna Das Shrestha</b>			
<b>4. Date of Birth</b>	:	20 December, 1953	<b>Citizenship:</b> Nepali		
<b>5. Complete personal contact details</b>	:	Address: Anantalingeswor, municipality – 3, Bhaktapur Phone: +977-9841231130 E-mail: pdshrestha@yahoo.com			
<b>6. Education</b>	:	<ul style="list-style-type: none"> <li>Master's Degree in Civil Engineering (Environmental Engineering), University of Roorkee UP, 1990, India</li> <li>Bachelor in Civil Engineering, Bengal Engineering College ,Calcutta University, 1982, India</li> </ul>			
<b>7. Membership in Professional Associations</b>	:	<ul style="list-style-type: none"> <li>Life Member, Nepal Engineering Council, Regd. No. 2966,</li> <li>Life Member, Nepal Engineer's Association</li> <li>Life Member, Society of Public Health Engineers Nepal</li> <li>Life Member, Nepal Red Cross Society</li> <li>Life Member, Society of Technical Auditors Nepal</li> <li>Life Member, Nepal Council of Arbitration</li> <li>Life Member, Nepal Technical Auditor Association.</li> </ul>			
<b>8. Other Training</b>	:	<ul style="list-style-type: none"> <li>Seminar on FIDIC Contracts and Dispute Resolution Mechanisms in Project Administration, 19–21 Feb. 2008, ADB Kathmandu;</li> <li>Seminar on Use of Consulting Services, Kathmandu, 20 – 23, April 2004, ADB &amp; Ministry of Finance;</li> <li>Country Seminar on Project Implementation and Administration, 11-22 September 2000, Kathmandu, ADB and Ministry of Finance;</li> <li>Senior Executive Development Program Training April- May, 2009 (6 weeks) at Nepal Administrative Staff College ;</li> <li>Seminar on Advanced Topics in Arbitration, organized by NEPCA on January 11- 12, 2015.</li> <li>Workshop on Adjudication/Dispute Board rules, Standard dispute Clauses in Condition of Contract &amp; Fees for Adjudication and Arbitration, Organized by NEPCA (25 - 26 February 2016)</li> </ul>			
<b>9. Countries of Work Experience</b>	:	Nepal			
<b>10. Languages</b>	:	<b>Language</b>	<b>Speaking</b>	<b>Reading</b>	<b>Writing</b>
		Newari	Mother tongue		
		Nepali	Good	Good	Good
		English	Good	Good	Good
<b>11. Employment Record</b>					
<b>From:</b>	April 2012	<b>To:</b>	Present		
<b>Employer:</b>	Independent Consultant				
<b>Positions held:</b>	Water Supply Engineer/ Deputy Team Leader/ Water Supply and Waste Water/ Environmental Expert/ Operations and NRW Reduction Specialist				
<b>From:</b>	July 1982	<b>To:</b>	December 2011		
<b>Employer:</b>	Department of Water Supply and Sewerage/Government of Nepal				
<b>Positions held:</b>	Engineer/ Project Manager/ Division Chief/ Joint Secretary/ Deputy Executive Director/ Executive Secretary/Team Leader				
<b>12. Detailed Tasks Assigned</b>		<b>13. Work Undertaken that Best Illustrates Capability to Handle the Tasks Assigned</b>			
<p>Er. Shrestha has been assigned to perform following tasks:</p> <p>i. Facilitate coordination between PPTA consulting, government agencies and loan consultants;</p> <p>ii. Assess technical feasibility of proposed subprojects and confirm their cost effectiveness;</p> <p>iii. Confirm agreements with DoR for required road cutting permissions;</p> <p>iv. Prepare technical inputs into the FOPIP with a view to improve KUKL operational efficiency and sustainability;</p> <p>v. Supervise field investigations and studies;</p>	<b>Project:</b>	WTP/02, Capacity Expansion of Water Treatment Plant at Sundarijal.			
	<b>Year:</b>	November 2016 - to date			
	<b>Location:</b>	Kathmandu			
	<b>Client:</b>	Melamchi Water Supply Project			
	<b>Main project features:</b>	The project is to expand the ongoing 85 MLD Capacity WTP to 170 MLD with additional facility of the Mixing Chamber, Sedimentation Basin, Clear Water Reservoir, Disinfection facility and Sludge drying Bed.			
	<b>Position held:</b>	Contract Management Expert			
	<b>Activities performed:</b>	Contract Management of Contract: MWSP/ WTP/ 02; Capacity Expansion of Water Treatment Plant at Sundarijal (From 85 MLD to 170 MLD), under Melamchi Water Supply Development Board. Population to be served: 1.6 Million of Kathmandu Valley.			
		Parallel Activity: Adjudication of dispute aroused between Kalika Raman JV and Mahendra Narayan Nidhi Auditorium hall and conference Canter Project at Janakpur.( November 2016 - to date).			
	<b>Project:</b>	<b>Adjudication of various disputes referred to NEPCA.</b>			
	<b>Year:</b>	October 2015 to October 2016			
<b>Location:</b>	Kathmandu				
<b>Client:</b>	Nepal Council of Arbitrations.				
<b>Main project features:</b>	Adjudication				

vi. Provide support as needed to the TL for all tasks, and to the NRW Expert; vii. Support output 3, as required; and viii. Support in the preparation of ToRs.	<b>Position held:</b>	Adjudicator
	<b>Activities performed:</b>	<ul style="list-style-type: none"> <li>Adjudication on the dispute aroused between the Contractor and Employer of Contract: 01/SBSP/NP/065-66; Construction of School Building of Janagradi Secondary School at Nawalparasi. Cost: 35.75 Million NRs.</li> <li>Adjudication on the dispute aroused between the Contractor and Employer (DOR) of Contract: KCHP/GC/13/068/069 and: KCHP/GC/14/068/069 Puspa Lal Mid Hill Road Project.</li> </ul>
	<b>Project:</b>	Project Implementation Directorate (PID)
	<b>Year:</b>	July 2014 to September 2015
	<b>Location:</b>	Kathmandu
	<b>Client:</b>	Various donor agencies
	<b>Main project features:</b>	Development of Infrastructures like, Distribution Reservoirs, at different locations, Installation of various sizes pipelines for Bulk Distribution and Distribution Networks to receive the water from Melamchi and for distribution..
	<b>Position held:</b>	Water Supply and Waste Water/ Environmental Expert/ Operations and NRW Reduction Specialist (Individual Consultant)
	<b>Activities performed:</b>	<p>Assisted PID in day to day project Management; Reviewed detailed engineering design and bidding documents in coordination with Design and Supervision Consultant 2 (DSC 02), DSC 03 and DSC 04; Supported PID in procurement of Works, Goods &amp; Consulting Services (Firm/ Individual) including preparation of notices and related documents for the approval of ADB; Supported PMU in Project Management, Contract Management and Contractor's Claim Assessment in FIDIC Contracts; Monitored and evaluated work, goods and services delivered; Coordinated and Conducted regular Project Progress/ management meeting among PID, DSCs and Project Management Support Team; Prepared regular monthly, trimester progress reports of all loan; Conducted training need assessment of all senior management staffs and field level staffs of KUKL/PID in ADB guidelines on procurement of works; Conducted training on Non Revenue Water (NRW) Reduction; Reviewed design and bidding document of Expansion and Rehabilitation of Waste Water Treatment Plant (WWTP) at Guheswari (32.4 MLD), Rehabilitation of WWTP at Sallaghari (14.2 MLD), at Kodku (17.0.MLD) and at Dhobighat (32.4 MLD); Reviewed design report of Interceptor Sewer along the both side of Hanumante River (13 KM); and Involved in Kathmandu Valley Water Supply and Sanitation Project (KVWSSP) of Melamchi Water Supply Project (MWSP) subproject 2, Loan 1820, 3000 and 2776 funded under ADB to improve service level of water supply in Kathmandu Valley.</p> <p>Involved as a Coordinator of PPTA team during preparation of Additional Financing of "Kathmandu Valley Water Supply Improvement Project (ADB Loan:2776)" and work in close coordination with PPTA Consultants, Government agencies including Ministry of Urban Development, KVWSMB, MWSDB, KUKL and their Branch offices.. Involved in technical feasibility study of the project and studied the additional population and areas to be covered, water tariff and their collection efficiency of Bhaktapur, Kirtipur, Madhyapur Thimi branch of KUKL with ADB task manager. Conducted separate meeting with CEO, representatives of all political parties and other stake holders at each Municipalities during the field investigation. At the meeting, additional water demand, improvement in service level, willingness to pay and their support during implementation are discussed. Closely involved in preparation of TOR of Survey and Design consultant of Melamchi phase 2 (Yangri &amp; Larke), Design and Supervision Consultant of WTP Phase 2 under MWSP and Design and Supervision Consultant of Loan 3255 (DSC 05). Involved in preparation and finalization of cost of the project. Intuitional strengthening and support program and their implementation plan is prepared, disseminated in seminar and proposed to incorporate in the project document.</p>
	<b>Project:</b>	<b>Detailed Design and Construction Supervision of Distribution Network and Wastewater System Improvement Works in Kathmandu Valley (KUKL/DSC/02) under MWSP: ADB Loan 1820 NEP SF</b>
<b>Year:</b>	July 2013 to July 2014	
<b>Location:</b>	Kathmandu	
<b>Client:</b>	MOUD/ADB	
<b>Main project features:</b>	Project management, Construction and Contract management of ongoing FIDIC Contract	
<b>Position held:</b>	<b>Deputy Team Leader/ Water Supply engineer</b>	
<b>Activities performed:</b>	Coordinated with employer, contractors and managed local staff engaged in supervision of construction works; Coordinated with Team Leader for any design change, modification, and amendments- whether at the employer's instruction or from practical or technical reasons at sites; Supported PID in project management and contract management including performance monitoring and evaluation of the project; Coordinated among PID, DSCs, and CAPC staffs and local agencies and people for settlement of	

		social issues in the project sites; Carried out monitoring of physical and financial progress of works, goods and service contracts; Prepared monthly, quarterly and annual progress reports for timely submission to MOUD, Planning Commission, ADB and other concern authority; Assisted PID during ADB Mission in preparation of progress reports, field visits and presentations; Prepared and submitted annual contract award and disbursement projections of the project to ADB; Prepared & updated procurement plan, annual budget and program for work, goods and services of the project and submitted for approval; Prepared various small contract packages emerged during execution of large contract; Conducted training to the consultant team in Procurement of works, goods & services, Contract Management and Supervision; Engaged in the Contract Management and Construction Supervision of Contract; KUKL/BDS/01/01; Construction of Transmission main from Sundarijal to Mahankal Chaur and Reinstatement of existing Sewerage Network of value 10.14 Million US\$.
	<b>Project:</b>	<b>Detailed Design and Construction Supervision of Distribution Network and Wastewater System Improvement Works in Kathmandu Valley</b>
	<b>Year:</b>	April 2012 to June 2013
	<b>Location:</b>	Kathmandu
	<b>Client:</b>	KUKL-PID/ GoN/ADB
	<b>Main project features:</b>	Design of Water Supply schemes, Preparation of Contract Documents, Contract Packaging, Review of Bid documents, and Evaluation of received bids
	<b>Position held:</b>	Water Supply Engineer
	<b>Activities performed:</b>	Supported PID on management and preparation of various progress report for presentation at MOUD and ADB; Prepared contract award and disbursement projection and annual budget for the fiscal year; Designed, prepared estimate, bid documents and contract documents; Assisted PID/PMU in Procurement of Civil Work Contract (FIDIC based) for Water Treatment Plant of capacity 1.0 MLD at Tribhuvan International Airport (TIA) Value US\$ 0.9 million; Carried out NRW reduction and DMA basis in contract management and supervision of Contract: KUKL/DNI/02, Cluster Removal work at Gokarna 1 of Value US\$ 1.5 Million and Contract: KUKL/DNI/02B, Cluster Removable Work at Gokarna 2 as pilot project; Developed a scope of services, work plan, guidelines and targets on operations and non revenue water reduction services; <b>Developed training materials and provided on-the-job training to the technicians, managerial, technical, and commercial staff on all aspects of non revenue water management, covering both real and apparent leakages; NRW substantially reduced but not to the level of satisfaction; Designed Water Treatment Plant (Capacity 0.1 MLD) at Nakhipot under Rehabilitation of intake at Nakhu project of value US\$ 10 Million; Involved in three different FIDIC based Construction Contracts related to Distribution Network Improvement for Efficient NRW, manage under ADB Loan 2776 NEP SF with the total project cost: US\$ 130 Million.</b>
	<b>Project:</b>	Various MWSDB Projects Activities
	<b>Year:</b>	August 2006 to December 2011
	<b>Location:</b>	Nepal
	<b>Client:</b>	MWSDB/ADB/OPEC/NDF/JICA
	<b>Main project features:</b>	Alleviation of chronic water shortage of Kathmandu Valley by inters basin transfer of 170 MLD water from Melamchi to Kathmandu valley through 26.5 Km Tunnel and improved health and hygiene of people living in the valley; Constructed 85 MLD capacity Water Treatment Plant at Sundarijal and supply treated water in the Valley
	<b>Position held:</b>	Deputy Executive Director, MWSDB/Executive Secretary/Team Leader-Kathmandu Valley Water Supply (WS) Management Support Team
	<b>Activities performed:</b>	Assisted Executive Director in project management, planning, and procurement and monitoring progress of various project components; Undertook human resources and financial management of the project as well; Arranged biweekly and monthly progress review meetings of the employer, consultants and contractors; Arranged and conducted monthly progress review meetings of the employer, donors, consultants and contractor; Carried out procurement, contract management and construction supervision of civil work contracts AAR/002: Construction of Sindhu and Gyalthum Adit Access Roads (18 Million US\$ under OPEC Fund), Contract: AAR/003; Construction of Sundarijal Adit Access Road (value 0.7 Million US\$ under OPEC Fund), and Contract: UAR/01; Upgraded of Jorpati-Sundarijal Adit Access Road (Value 1.0 Million US\$ under OPEC Fund) as the Employer's Representative; Carried out procurement, contract management and construction supervision of contract: MDS/DT/01, Construction of Headworks and Diversion Tunnel (Value 66.0 Million US\$ under ADB Fund) as the employer's representative and administered Contract; MDS/UAR/02, Upgrading of Lamidanda-Melamchi Pulbazar Road (value 7.0 Million US\$) and Contract: MDS/MPB/ 02: Construction of Camp Site Phase II at Melamchi Pulbazar (Value 1.0 Million US\$); All above contracts were based on FIDIC Conditions of Contract; Carried out procurement and contract management of design and supervision consulting services for Tunnel Contract: MDS/DT/01 (Melamchi Design and Supervision Consultant Consortium/ Poyry

		<p>Infra Ag, Finland in association with Multi Disciplinary Consultant, Nepal value 10.5 million US\$ under NDF funding), Project Management Consultant Phase II (Metcalf and Eddy in association with Maunsell Silt, MEH and Mutual Consultants Value 8.5 Million US\$ under ADB Funding) and Phase III (Lahmeyer in association with Total Management Support (TMS) Value 3 Million US\$ under ADB Funding); and involved in procurement of civil works contract for Contract: WTP/01, Construction of Water Treatment Plant at Sundarijal Value 70 Million US\$ under JICA Funding); Managed consulting services for Design and Tender Document Preparation of Kathmandu Valley WS Demonstration Project; Guided and supervised water distribution networks survey, design and tender document preparation of core urban areas of Kathmandu Metropolitan City and Lalitpur Municipality City as part of the demonstration project; Reviewed and finalized the design and tender documents submitted by the Consultant; Involved in procurement of Management Contractor for the Operation of NWSC in Kathmandu Valley; Identified training needs of the Board staff for its capacity building in project management, contract management, procurement of services, goods and works needed for the project and organized the training programs, seminars and workshops; Reviewed the IEE and EIA reports submitted by the Consultants, commented and forwarded for approval and made presentation in EIA committee in Ministry of Physical Planning and Works (MPPW); Supervised implementation of Social Safeguards and Environmental Management Program as a preventive and corrective action in consideration of effects of climate change and construction activities. As part of the preventive measures relocated local irrigation Canals, local water mills and affected houses that could be affected by probable landslides in the newly constructed roads due to flash monsoon rain in affected Villages of Melamchi Valley; Involved in Reconstruction of Main Assess Road (Section 230 Meter) washed away by heavy flood; Cleared the heavy Debris deposited by mud avalanche due to flash monsoon rain at Sindhu Adit of Melamchi Tunnel on June 2011.</p>
	<b>Project:</b>	Various Ministerial Works in Water Supply and Sewerage Sector
	<b>Year:</b>	September 2004 to July 2006
	<b>Location:</b>	Nepal
	<b>Client:</b>	Ministry of Physical Planning and Works (MPPW)
	<b>Main project features:</b>	Co-ordination, policy formulation and representing MPPW in other agencies
	<b>Position held:</b>	Joint Secretary
	<b>Activities performed:</b>	<p>Coordinated with various line ministries, National Planning Commission, various national and international donor agencies, WS Sector Stakeholders' Group, DWSS, NWSC, Rural Water Supply And Sanitation Fund Development Board (RWSSFDB), Bagmati Integrated Civilization Development Committee (BICDC) and national and international NGOs; Involved in development of Rural and Urban Water Supply and Sanitation Policies; Involved in formulation of Water Supply Management Board Act, 2063, Water Supply Tariff Fixation Commissions Act 2063 and Amendment of NWSC Act 2046, 2063; Involved in establishment of "Kathmandu Valley Water Supply Management Board" and operated as a Chairman; Reviewed Special Assistance for Project Implementation (SAPI) study report conducted by JICA, gave feedback, and recommended for change in scope of Water Treatment Plant to be constructed at Sundarijal from originally planned 170 MLD to 85 MLD; Undertaken performance monitoring of JICA supported Manohara Water Supply Project with 20 MLD capacity Water Treatment Plant at Bode, Bhaktapur; Represented the Ministry as Board Member of NWSC, BICDC, RWSSFDB and Founder Chairman of KVWSMB; Assumed Chairmanship of the IEE and EIA Committee formed as per Environment Protection Act and Regulations and forwarded; Involved in different policy level discussion forums and ensured the compliance of policy and legal provisions in the implementation activities under the ministry; and Coordinated with UN Habitat for implementation of rainwater harvesting system in Ranipokhari to protect drying of pond and saving aquatic life due to climate change.</p>
	<b>Project:</b>	Melamchi Water Supply Project
	<b>Year:</b>	December 1999 to August 2004
	<b>Location:</b>	Nepal
	<b>Client:</b>	MWSDB
	<b>Main project features:</b>	Construction of 27 Km Tunnel for diversion of 170 MLD water
	<b>Position held:</b>	Division Chief, Procurement and Planning Division
	<b>Activities performed:</b>	<p>Prepared detailed procurement plan, annual program/ budget of MWSP funded by ADB, OPEC, NDF, JICA, JBIC, Sida, NORAD and GON; Undertook planning, monitoring and evaluation of progress of various project activities; Prepared monthly, trimester and yearly progress reports of the project and reported to MPPW, NPC and other agencies and made presentations when required; Prepared procurement and contract documents and executed procurement of civil work contracts of Main Assess Road (MPB- Ambathan), Adit Access Road and Consulting Service packages of Project Management Consultant,</p>

		Public Relation Consultant, Social Upliftment Consultant and Environmental Management Program, Procurement of Contract: MDS/AAR/02; Involved in construction of Adit Assess Roads at Sindhu and Gyalthum; and Ensured the compliance of policy and legal provisions in the implementation activities under the board.
	<b>Project:</b>	Overall Planning, Procurement and Construction of Various WS Projects
	<b>Year:</b>	August 1996 to November 1999
	<b>Location:</b>	Chitwan district, Nepal
	<b>Client:</b>	DWSS
	<b>Main project features:</b>	Overall management, Construction Supervision, Survey Design and estimate of various water Supply projects in the district
	<b>Position held:</b>	District Engineer/ Project Manager
	<b>Activities performed:</b>	Managed overall planning, contract packaging, procurement, project management, contract management, construction supervision, progress review of the District Water Supply Office (DWSO); Prepared monthly, trimester and annual progress report of the projects; Worked and coordinated with District Development Committee, local administration and concerned municipalities and VDCs and local communities of the related projects for their successful implementation and sustainable O & M; Carried out contract management and construction supervision of conventional water treatment plant facilities of Pithuwa WS Project (urban area/ Value 2 million US\$ under GON fund) and design and improvement of transmission main by replacement with 360mm HDP pipe; Supervised and guided the design works of Ratna Nagar and Kailash Nagar WS Projects; Undertook O & M, tariff collection of Bharatpur WS Project with more than 5,000 private connections and more than 15,000 populations, O&M of water treatment plant constructed by JICA for Jugedi Scheme of Bharatpur WS Project; Network Design and extension of pipelines in newly settled areas of same project; Constructed protection works in intake and transmission line; Undertook project management, contract management, construction supervision and community mobilization of Mugling Bazar WS Project with conventional water treatment plant; Assessed the training needs and conducted training programs on Project Management, Financial Management and Technical training in O&M for users committee; Fixation of Water Tariff for Muglin Bajar WS Project in consultation with local users' committee and users' general assembly; Conducted observation tour for users committee of various WS project in Community Managed WS Projects at Jhapa district; Handed over the project to local community after their capacity building; and Carried out installation of 40 number of deep-set hand pumps at resettled communities displaced due to Rapti river flood.
	<b>Project:</b>	Overall Planning, Procurement and Construction of Various WS Projects
	<b>Year:</b>	December 1993 to July 1996
	<b>Location:</b>	Jhapa district, Nepal
	<b>Client:</b>	DWSS/Various donar agencies
	<b>Main project features:</b>	Management of DWSO, Construction Supervision, Survey Design and Estimate of Various Water Supply Projects
	<b>Position held:</b>	District Engineer/Project Manager
	<b>Activities performed:</b>	Managed the DWSO; Worked and coordinated with DDC, local administration and concerned municipalities and VDCs and local communities of the related projects for their successful implementation and sustainable O & M of the projects in the district; Undertook community mobilization, design review and construction supervision of three urban WS projects, namely Kakarvitta, Sanischare and Damak WS Projects (Terai Towns) in Jhapa district; Kakarvitta and Sanischare WSP are pumping schemes with 250 m <sup>3</sup> capacity overhead tank (OHT) and that of Damak WSP was 450 m <sup>3</sup> capacity with water treatment plant (pressure filter). The projects were implemented under the grant assistance of Overseas Development Administration (ODA) of the UK Government; Undertook design review, contract management and construction supervision of Birtamode and Dhulabari urban WS Projects, having population of more than 15,000, financed by ADB Birtamode scheme has 450 m <sup>3</sup> capacities OHT and Dhulabari is a gravity scheme with 450 m <sup>3</sup> capacity OHT; Carried out network design, contract management and construction supervision of Prithivi Nagar WS Project a pumping scheme with 450 m <sup>3</sup> OHT and more than 6,000 populations; Supervised installation of 300 shallow tubewells assisted by UNICEF; Fixation of Water Tariff for above projects in consultation with local user's committee and user's general assembly; Undertook capacity building of local communities by providing pre-construction, construction and post-construction training in management, finance and O&M; Carried out management transfer of the completed projects to the users committee; and Supervised augmentation network design of Chandraghadi and Bhadrapur WS Projects including treatment plants (rapid sand filters) constructed under the JICA grant assistance and collected of tariff of the projects.
	<b>Project:</b>	Overall Planning, Procurement and Construction of Various Water Supply Projects
	<b>Year:</b>	September 1990 to November 1993

	<b>Location:</b>	Palpa district, Nepal
	<b>Client:</b>	DWSS
	<b>Main project features:</b>	Overall management, Construction Supervision, Survey Design and estimate of various water Supply projects
	<b>Position held:</b>	District Engineer/ Project Manager
	<b>Activities performed:</b>	Managed District WS Office; Worked and coordinated with District Development Committee, local administration and concerned municipalities and VDCs and local communities of the related projects for their successful implementation and sustainable operation and maintenance of the projects in the district; Undertook O&M of Tansen WSP, the only 4 stage pumping systems in Nepal financed by JICA with water treatment facility and more than 4,000 private connections and 10,000 populations; Supervised and guided network design, replacement and extension of pipelines at Tansen Town; Repaired and carried out protection work of pipeline exposed due to climate change and land slide of Banjha Scheme a century old WSP in Tansen town; Undertook survey, design, estimate and construction supervision of new projects like Jhadewa Kaseni WSP, Gothadi WSP, Rampur WSP and Baldyangadi WSP under GoN fund and Argeli WSP under FINNIDA funding; and Undertook O&M of the completed WS supply projects in various VDCs financed by UNICEF, FINIDA, HELVETAS and GON
	<b>Project:</b>	Overall Planning, Procurement & Construction of Various Water Supply Projects
	<b>Year:</b>	April to August 1990
	<b>Location:</b>	Bhaktapur district, Nepal
	<b>Client:</b>	DWSS
	<b>Main project features:</b>	Managed overall Construction Supervision of New Projects, rehabilitation, Survey Design and estimate of various water Supply projects
	<b>Position held:</b>	District Engineer/ Project Manager
	<b>Activities performed:</b>	Overall District WS Office management; Worked and coordinated with District Development Committee, local administration and concerned municipalities and VDCs and local communities of the related projects for their successful implementation and sustainable operation and maintenance of the projects in the district; Undertook construction of pumping stations and reservoir of Changu Narayan and Jhaukhel WS Project, rehabilitation of Challing WS Project; Carried out survey, design and estimate of various WS projects in semi-urban area of the district; and Carried out O&M of several completed projects within the district
	<b>Project:</b>	Birendra Nagar Water Supply Project
	<b>Year:</b>	December 1985 to July 1987
	<b>Location:</b>	Banke & Bardia districts, Nepal
	<b>Client:</b>	DWSS
	<b>Main project features:</b>	Procurement, construction supervision and progress reporting of Birendra Nagar Water Supply Project
	<b>Position held:</b>	Project Manager
	<b>Activities performed:</b>	Managed the project; Coordinated with local administration, concerned district and village Panchayats and local communities for installation of tubewells; Carried out planning and procurement of construction materials, installation & construction supervision of 1200 Shallow Tube Wells in various selected Village Panchayats; Carried out design, procurement of civil work contract and construction supervision of sewerage/surface drainage of then Nepalgunj Town Panchayat (population 360000) to relief the people of the city from pollution and floods/flash flood due to climate change.
	<b>Project:</b>	Shallow Tube Well Project
	<b>Year:</b>	February 1983 to November 1986
	<b>Location:</b>	Banke & Bardia districts, Nepal
	<b>Client:</b>	DWSS/UNICEF
	<b>Main project features:</b>	Overall management, planning and procurement of construction materials, installation & construction supervision
	<b>Position held:</b>	Project Manager
	<b>Activities performed:</b>	Overall management, Planning and Procurement of construction materials, installation & Construction supervision of shallow tube-wells; Managed the project; Coordinated with local administration, concerned district and village Panchayats and local communities for installation of tubewells; Carried out planning and procurement of construction materials, installation & construction supervision of 1200 Shallow Tube Wells in various selected Village Panchayats; Carried out design, procurement of civil work contract and construction supervision of sewerage/surface drainage of then Nepalgunj Town Panchayat (population 360000) to relief the people of the city from pollution and floods/flash flood due to climate change
	<b>Project:</b>	Timelsen Water Supply Project
	<b>Year:</b>	October 1982 to January 1983
	<b>Location:</b>	Achham district, Nepal

	<b>Client:</b>	DWSS
	<b>Main project features</b>	Survey, Design, Estimate and Construction of the project
	<b>Position held:</b>	Project Manager
	<b>Activities performed:</b>	Carried out engineering survey, design works and preparation of cost estimates of the project; Procured construction materials for intake and reservoir, pipelines and various chambers.
	<b>Project:</b>	Kiul WS Project/Construction Supervision of WSS Department Building
	<b>Year:</b>	July to September 1982
	<b>Location:</b>	Sindupalchowk district, Nepal
	<b>Client:</b>	DWSS
	<b>Main project features</b>	Survey, Design and preparation of estimate & construction supervision
	<b>Position held:</b>	Assistant Engineer
	<b>Activities performed:</b>	Reviewed the design reports of various WS projects prepared by consultants and project offices under the Department; Surveyed, design and preparation of estimates of Kiul WS Project; and Involved in design, procurement and construction supervision of the Department building at Panipokhari, Kathmandu.

**14. Certification:**

I, the undersigned, certify to the best of my knowledge and belief –

- |  | Yes                                 | No                                  |
|--|-------------------------------------|-------------------------------------|
| (i) this CV correctly describes my qualifications and my experience                                  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| (ii) I am employed by the Executing or the Implementing Agency                                       | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| (iii) I am close relative of a current ADB staff member  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| (iv) I am the spouse of a current ADB staff member   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| (v) I am former ADB staff member   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| • If yes, I retired from ADB over 12 months ago  |                                     |                                     |
| (vi) I was part of the team who wrote the terms of reference for this consulting services assignment | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| (vii) I am sanctioned (not eligible for engagement) by ADB.  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |

I certify that I have been informed by the firm that it is including my CV in the proposal for TA-9171 NEP: Second Kathmandu Valley Water Supply Improvement Project (45339-001), I confirm that that I will be available to carry out the assignment for which my CV has been submitted, in accordance with the implementation arrangements and schedule set out in the proposal.

I understand that any willful misstatement may lead to disqualification or dismissal, and any other ADB disciplinary action.

**SIGNATURE:** \_\_\_\_\_

**Date of Signing:** \_\_\_\_\_

Day / Month / Year