

TERMS OF REFERENCE – Water Supply and Irrigation Engineering Expert

Project Number	20620
Project Name	Local Infrastructure Support Programme (LISP)
Country of delivery	Nepal
Client	United Kingdom Foreign and Commonwealth Development Office (FCDO)
Beneficiary	FCDO/ Government of Nepal (GoN)
Level of Effort	Consultant
Base	Kathmandu with regular travel to Lumbini to support institutional uptake at the Provincial level

Overall Programme Objective

LISP will improve the ability of Nepal's local and provincial governments to respond to the demands of citizens for local infrastructure and increase the legitimacy and accountability of local government to their citizens with an emphasis on the empowerment of women. It will create green recovery jobs to stimulate the local economy and build climate resilience.

Programme Summary Overview

MoU between the GoN and BEK	16th of March 2023
Grant support	£11 million for capital investment only which is on budget and on treasury
Technical Assistance (TA)	£ 7.7 million
Provinces	Karnali and Lumbini
Pilot Phase	Completed in July 2023, managed by WFP
Transition Phase	July 2024 to March 2025 managed by WFP
LISP Implementation	April 2025 – March 2027

LISP Approach

Our approach is to build on the understanding that as the LISP TA we will need to fulfil three roles to realise the full impact of LISP's Objective:

- 1. Strengthening Infrastructure Governance**

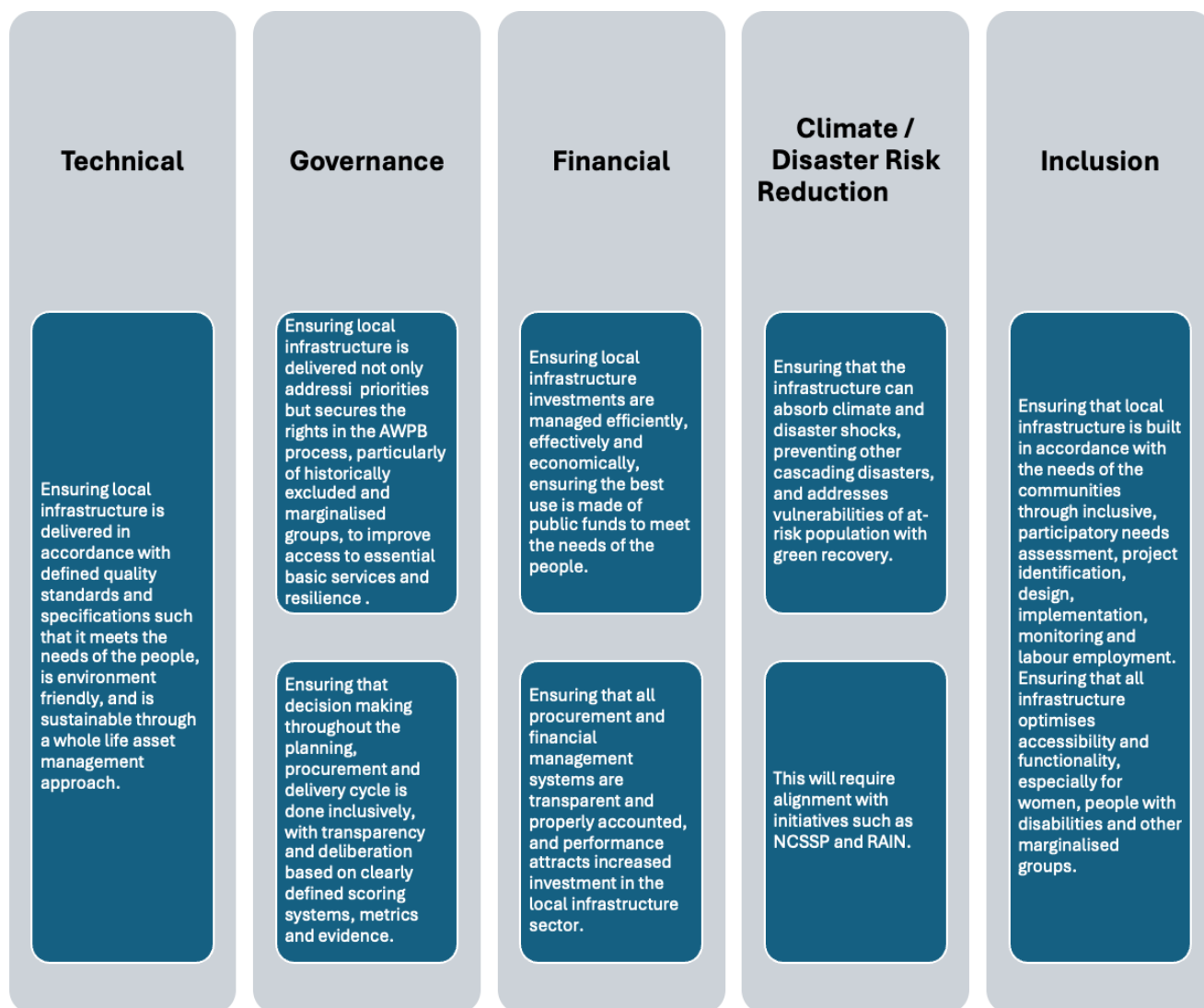
Institutionalising inclusive governance mechanisms from risk informed planning, design, implementation, monitoring, operation and maintenance. Integrating the system actors for a holistic planning and delivery to minimise siloed development efforts among different level of governments.
- 2. Capacity building and technical support**

To improve the capacity of LGs to deliver local infrastructure services according to strengthened governance systems.
- 3. Quality Assurance of LISP investments**

to ensure that FCDO's funds are utilised in accordance with the strengthened governance systems, and with LISP demonstrating the effectiveness of these systems to build confidence and encourage

others to invest in the local infrastructure sector in accordance with the improved governance systems.

The programme objective will be achieved through **five critical strands of delivery**:



Objectives of the Role

The Water Supply and Irrigation Engineering Expert will provide specialist, demand-led technical assistance to strengthen local government systems for planning, design, implementation, operation and maintenance of water supply infrastructure. The expert will lead mobile technical assignments, diagnose institutional and technical challenges, initiate systems improvements and provide technical direction to Support Engineers to ensure continuity of implementation and sustained capacity development.

The Water Supply and Irrigation Engineering Expert's key responsibilities will include:

- Lead mobile water supply and irrigation engineering assignments.
- Diagnose engineering systems and identify improvements.
- Direct and mentor Support Engineers.
- Strengthen water supply and irrigation engineering systems within local governments.
- Generate technical learning and recommendations.

Scope of Work

The Water Supply and Irrigation Engineering Expert will be responsible for the following tasks:

1. Lead water supply technical assistance assignments.

Lead demand-led assignments focused on strengthening systems for water supply planning, design review, implementation, operation, maintenance, quality assurance and service sustainability.

2. Diagnose systems and identify improvements.

Assess institutional arrangements, engineering practices and operational systems and identify practical improvements that strengthen local government capacity.

3. Initiate systems strengthening.

Develop agreed improvement plans, provide technical coaching and establish follow-up actions to be implemented by Support Engineers and local government staff.

4. Provide technical direction to Support Engineers.

Guide and mentor assigned Support Engineers, monitor progress and provide additional technical advice where required.

5. Coordinate programme delivery.

Work closely with the Team Lead – TA Response and Provincial Liason Engineer if required, Technical Coordinator and other specialists to coordinate technical assistance assignments.

6. Contribute to programme learning.

Capture implementation lessons and technical recommendations to inform programme learning, technical guidance and institutional uptake.

Reporting Structure

The Water Supply and Irrigation Engineering Expert will report to the Team Lead – TA Response. The role will provide technical direction to assigned Support Engineers during technical assistance assignments.

The role will coordinate closely with:

- Provincial Liaison Engineer
- Engineering Expert and Technical Coordinator
- Infrastructure Governance Expert
- Engineering Norms, Standards and Tools Expert
- Technical Manual and Guidance Development Expert
- Evidence and Communication Expert

Performance Metrics

The Water Supply and Irrigation Engineering Expert's performance will be assessed based on:

- Quality and timeliness of water supply technical assistance.
- Demonstrated improvements in local government water supply systems and practices.
- Quality of technical direction provided to Support Engineers.
- Positive feedback from local governments.

- Contribution to programme learning and institutional strengthening

Qualifications and Experience

Education

- Bachelor's degree in Civil Engineering
- Masters in Water Supply/Sanitary Engineering preferred).
- Registration with the Nepal Engineering Council.

Experience

- Minimum 10 years' experience in rural or municipal water supply engineering.
- Experience with operation and maintenance systems.
- Experience working with local governments and donor-funded programmes is desirable.

Skills

- Strong mentoring, facilitation and stakeholder engagement skills.
- Strong analytical and problem-solving skills in water supply and irrigation engineering and infrastructure delivery systems.
- Ability to diagnose institutional and engineering systems challenges and develop practical improvement plans.

Duration

The position is expected to be continued till until 31st March 2027, subject to sufficient interest in the demand led model and success of the delivery model and budgetary commitment from the Client.

Application Procedure

If you believe this opportunity will enhance your career growth, we encourage you to apply by emailing HRLISP@dt-global.com with all required documents, including your CV, Cover letter, Nepali citizenship, academic certificates and experience letters.

Applications will be reviewed on a rolling basis until the position is filled. Interested and qualified individuals are requested to submit the application no later than **Thursday, 20th August 2026 at 5:00 PM.**

We encourage applications from women and disadvantaged groups.

Note: No telephone inquiries will be entertained. If your application is a good fit, we will follow up with you directly for the screening process.

Key Terms and Conditions

- Consultants will be retained on a framework/call-down basis to provide technical assistance to Local Governments under LISP. Assignments will be offered according to programme priorities and Local Government demand. With the Post-July LISP TA, TA support will be fully demand driven. Consequently, the allocation of inputs under any resulting contract does not guarantee utilisation of the full level of effort, and deployments will be made only when required by participating Local Governments and approved by LISP.
- Successful consultants will be required to adhere to DT Global's Code of Conduct, safeguarding, anti-corruption, confidentiality, and health and safety policies. Consultants must complete mandatory compliance training and maintain the highest standards of professional integrity and ethical behaviour throughout the assignment.

DT Global Values

At all times work to the DT Global Values ensuring LISP is delivered with a culture of inclusivity, civility and excellence.

