

Drains Infrastructure Construction Ltd.

Expressions of Interest

for

Construction of Drainworks and associated works

Issued on: 01 August 2022

Procurement Reference No: DICL/Q/6/2022-23/OIB

Section 1

Request for Expressions of Interest for Construction of Drain works and associated works

1. Introduction

In order to accelerate the construction of drains in various places on the island, especially those in high risk flood prone areas, the Drains Infrastructure Construction Ltd (DCIL) falling under the aegis of the Ministry of National Infrastructure and Community Development has been set up with main objective to advance efficiently the implementation of the National Flood Management Program, as announced in the 2021-2022 Budget in order to mitigate the flooding problems in the different regions of the island as well as to create resilience to flash floods and cyclones.

DICL is soliciting the interest of reputable Contractors (hereinafter referred to as “Contractors”) experienced in the delivery of storm water drainage infrastructures and associated works to develop a list of suitable Contractors who may subsequently be invited into the bidding process for the execution of works in a Zone based on FIDIC Red Book Conditions of Contract.

2. Location of works and Project Metrics

The different zones and works are as indicated in following table:

SN	Zone	Projects	Cons No.	Location	Tentative Scope of Works
1	A	Construction of drain, culvert and attenuation basin at Cite Richelieu	1	Cite Richelieu	- 5km drain - 2 No. Culverts: 9m x 1.5m, 3m x 1.5m - 2 No. Retention Pond: 113,000m ³ , 267,000m ³
2		Flood Mitigating Measures at Vallee des Pretres	4	Vallee des Pretres	- 0.6km Floodwall - 1.5km Cut-off at foot of Mountain - 3km drain - 5 No. culverts to be upgraded - 0.2km cleaning & enlargement of River Latanier

3		Flood Mitigating Measures at Morc. Raffray, Terre Rouge	4	Terre Rouge	Phase 2: DDR being finalised by end of July Expected scope of works: - 1km river lining - 1 No. Retention pond: 33,000m ²
4		Construction of drain networks at Baie Du Tombeau -Phase 2 (Rue des Macadam)	5	Baie Du Tombeau	- 2.2 km drain
5		Construction of drain networks at Baie Du Tombeau -Phase 3 (St Malo)	5	Baie Du Tombeau	- 2.25km drain - Construction of roads
6		Construction of drains and culverts at Kestrel Lane, Terre Rouge	5	Terre Rouge	- 3.0km drain - 0.2km Floodwall - 0.24km Rock revetment - 2.0km upgrading of River Seche - 5 Culverts: 2x(5m x 3m), 2x(5m x 2.5m), 4m x 2.5m - Dismantling/Demolition & reconstruction of existing structures
7		Construction of drain, culvert and attenuation basin at Fond Du Sac - Phase 2	6	Fond Du Sac	- 3.5km drain 4.0m - 2 No. Culverts: 2x(4m x 3m) - 2 No. Retention ponds: 184,000m ³ , 179,000m ³
8	B	Construction of drain, culvert and attenuation basins at Cottage Phase 2	7	Cottage	- 3.5km earth drain - 4km RC drain - 3 No. Culverts: 3x(6.5m x 4.0m) - 4 No. Retention ponds: 55,000m ³ , 67,000m ³ , 175,000m ³ , 180,000m ³
9		Construction of drain and culvert at L'Amitie - Phase 2	7	L'Amitie	- 1km drain 3m - 0.3km upgrading of masonry drain - 3 No. culverts: 5.5m x 3m
10		Drainworks at Camp Thorel, RHS Cut-off - Phase 2B	8	Camp Thorel	- 4.9km drain - 4 No. Culverts: 3.5m x 2.5m, 2x(1.0m x 1.0m), 1.5m x 1.5m
11	C	Flood mitigating at Allée Mangues, Poste de Flacq	9	Poste de Flacq	- 1.05km floodwall 1.5m high
12		Flood Mitigating measures at Seerully Road, Central Flacq	9	Central Flacq	- 0.8km widening of river - 2 No. culverts: 2x(10.0m x 2.25m)

13		Flood Mitigating measures at Cite Hibiscus, Flacq	9	Flacq	- 3.6km widening of river - 5 No. Twin culverts: 5x(7.5m x 3.5m) - 4 No. Bridges: 4x(12.5m x 2.0m)
14		Flood Mitigating measures at Debarcadere, Poste De Flacq	9	Poste De Flacq	- 0.9km floodwall 4m high - 0.7km drain - 1 No. Culvert: 4.2m x 0.85m
15		Construction of flood wall, culverts, and river enlargement at La Source, Flacq	9	Flacq	- 0.8km widening of river - 0.35km drain - 1 No. Bridge: 10.0m x 4.0m
16		Flood Mitigating Measures at Bramsthan	10	Bramsthan	- 1.75km dran - 3 Bridges: 12m x 4m, 12m x 4m, 11m x 4m
17		Construction of drain networks and culvert at Morc. Sans Souci, Montagne Blanche	10	Montagne Blanche	- 2.9km drain
18	D	Flood mitigation measure at Gebert and Gros Billot, New Grove in Constituency No. 11	11	New Grove	- 0.23km drain 1.0m - 4 No. culverts: 4x(4.0m x 2.0m) - 1 No. Retention pond: 80m x 2m x 1.5m
19		Flood Mitigating Measures at St Hubert, including St Hilaire	11	St Hubert	- 0.4km drain 0.5m - 4 No. culverts: 4x(4.0m x 2.0m)
20		Construction of covered drain at Utchanah Road and near Bakerally House, L'Escalier	13	L'Escalier	- 0.21km RC drain 1.0m
21		Construction of drain at Mambahal Road, Camp Bananes near Bissessur House, Bois Cheri	13	Bois Cheri	- 0.56km Masonry drain 2.2m - 0.18km RC drain 0.7m - 2 No. Culverts : 2.2m x 1.4m, 2.4m x 1.5m
22		Construction of drain at SSR Road, L'Escalier and Orchidee Lane near Mrs Betty Monick House, L'Escalier	13	L'Escalier	- 0.7km RC drain 1.0m
23		Construction of drain network, culverts at Morc Chazal, Flic en Flac	14	Flic en Flac	Phase 2: - 0.25km river widening and rock revetment - 5 No. Culverts: 5x(3.5m x 1.75m)

24	Construction of drain network at Malakoff, La Marie Road, Phase 2	16	La Marie	- 0.26km drain 1.8m - 0.47km drain 2m - 2 No. Culverts: 2x(1.5m x 1.6m)
25	Construction of cut-off drain at Berthaud Avenue, Quatre-Bornes	19	Quatre-Bornes	- 2.89km drain - 9 No. Culverts: 6m x 1.5m, 2x(2.5m x 1m), 2x(3m x 1.5m), 2x(6m x 1.8m)
26	Construction of drain networks in the region of Coromandel	20	Coromandel	- 7.57km drain - 5 No. Culverts: 3m x 2m, 1m x 1m, 1.5m x 1.55m, 2m x 1.75m, 1m x 1m

3. The scope of the Works

The Scope of work includes “Investigation, Cadastral and topographical Survey, Preparation of Detailed working Plans & Drawings, Longitudinal Sections, Hydraulic designs & drawings, Structural designs drawings and Construction of Storm Water Drainage Network, Improvement of Outfalls among others as per guidelines from the Land Drainage Authority (LDA) which is a local authority mandated to spearhead all drainage facilities in Mauritius and relevant international codes and best practices including 2 years of defect liability period under the Red Book Contract, the design and BOQ shall be submitted by the DICL

Appropriate state of the art construction procedures & technologies shall be adopted for providing Storm Water Drainage Scheme and various alternatives shall be explored for providing best possible solutions at every stage of construction of the system with the proposed network to be compatible with the existing drainage infrastructural system and without causing negative impacts to downstream regions.

4. The duration of the assignment

The duration of the work is expected not to exceed two years.

5. Procurement Process for the selection of the Applicant for this assignment

5.1 This Request for Expressions of Interest (EOI) is for the shortlisting of a maximum of five (5) eligible and qualified Contractors who would subsequently be invited to submit their proposals for the assignment referred to above.

5.2 The procurement process has been planned as follows:

- a) Closing date for submission of Expression of Interest: **23 August 2022**
- b) Date of issue of Request for Proposal: **September 2022**
- c) Closing date for submission of Request for Proposal: **October 2022**
- d) Date of Award of Contract: **November 2022**
- e) Expected Start: **January 2023**

6. Fund for assignment

The Government of Mauritius through the DICL will fund the projects.

7. Shortlisting criteria

7.1 The Applicant/Contracting firm should have experience in the execution of infrastructure contracts during last 7 years ending August 2022 according to any one of the following requirements.

- a) Two infrastructure projects each costing not less than Rs 500M.
- b) One infrastructure project costing not less than Rs 700M.

7.2 The Applicant/Contracting firm should have adequate technical staff. The minimum expert man power required is as follows:

- i. The applicant shall post a minimum of
 - one Project Head or Contract Manager with at least 10 years' experience in drainage or road infrastructural works;
 - two senior civil engineers with at least 7 years' experience in infrastructural works;
 - one health and safety Officer;
 - one Public Relation Officer;
 - adequate no. of supervisors, and skilled workmen shall be deployed.
- ii. For the Topographical and cadastral surveys and wayleave, a land surveying firm having adequate experience in such works may be employed;

The applicant should submit a list of CVs of these employees stating clearly how they would be involved in this work.

7.3 Other eligibility Criteria includes:

- i. In the event the Applicant/Firm is shortlisted, it must be eligible for registration with the Construction Industry Development Board (CIDB) of Mauritius;
- ii. The Firm should be profit making during at least two out of the last three financial years, Copies of audited account of the company in the last three years with a turnover of not less Rs 600M annually;
- iii. Evidence of financial capability to execute the project by submission of letter of reference from reputable commercial bank;
- iv. Joint ventures are permitted;
- v. Applicant/Contracting firm to submit a methodology highlighting the important steps in delivering the works

8. Preparation and Submission of EOI

- (a) The Expressions of Interest and all accompanying documentation shall be submitted in English to the DICL at the following address at latest by **23 August 2022 up to 13.30 hours (Mauritian Time)**:

Drains Infrastructure Construction Ltd

12th Floor, Hennessy Tower

Hennessy Street

Port-louis, Mauritius

Tel: 405-0700 Fax: 210-5246

- (b) All envelopes shall be titled “EOI for Construction of Drain works and associated works” and clearly marked in English with name of the Applicant.
- (c) Any request for supplementary information should be made not later than 7 days prior to the dead line for submission of EOI online and any response from the Client shall be made not later than 3 days prior to the said deadline.
- (d) The Expression of interest shall be opened by the DICL on the same day **as from 14.00 hrs.**

9. Notice

Please note that this invitation to submit expression of interest does not constitute a formal request for quotation or proposal, nor is it intended to create any expectations regarding future business dealings between DICL and Applicant. All EOI documents will become and remain DICL's property. DICL shall not be liable in any respect for any costs, damages, charges or expenses incurred by the Applicant in relation to preparing or submitting this EOI response. DICL reserves the right to accept or reject any or all EOI submissions that may be received related to the services requested. DICL reserves the right to change the requirements of this EOI, terminate further participation in the EOI process and change or terminate the contracting process at any time.

DICL thanks all Applicants in advance for your willingness to respond to this EOI. We look forward to hearing from you.

Section 2

Terms of Reference

- 1.1 The **Drains Infrastructure Construction Ltd (DICL)**, intends to invite Bids for the construction, remedy any defects and maintain for a period of two years during the Defects Liability Period for the drainworks and associated works around the island under the Land Drainage Management Programme. This includes drainage infrastructure works including reinforced concrete drains, RCC culverts and bridges, retention ponds among others.
- 1.2 The Bids shall be either under a FIDIC Red Book Contract for the **whole Scope of Works as described hereunder**.
- 1.3 The Scope of works comprises of the following amongst others: -
- Liaison with all relevant authorities;
 - Topographical and Cadastral Surveys;
 - Geotechnical Investigations;
 - Hydrogeological Investigation and Groundwater Monitoring;
 - Working drawings etc for approval by the Engineer Representatives
 - Construction of drainage infrastructures to international standards;
 - Secure Approval from relevant Authorities and Employers Representative;
 - Earthworks for drainage infrastructures;
 - Replacement of any damaged road infrastructure (drain, footpath etc);
 - **Traffic diversions** where necessary and in compliance with the Traffic Management Strategy and its management for road users and pedestrians at all time during the implementation of the works.
 - Provision of **temporary access** or alternative access to residents to their premises;
 - Carry out **investigative works** including trial pits to locate buried/underground services
 - **Relocation, replacement and refurbishment of all services** in accordance with the requirements of the relevant Service Owners and as per their approval.

- **Public relations exercise** with the inhabitants, social group (force-vives) to secure wayleaves and authorisation with the assistance of the DICL;
- Conduct searches and land acquisition as per the Land Survey Act and the Land Acquisition Act;
- Any other measures shall be implemented within the proposed land acquisition limits;
- Any miscellaneous work as may be required for the completion of the said works.

Section 3

Response forms

Applicants will have to respond to this invitation for Expression of Interest by filling in the response templates.

Expression of Interest (EOI)

Applicants are required to submit a covering letter of their EOI.

Respondent's Submission

Applicants are required to fill in the response template. The content and tables shown hereunder information only. The data to be submitted as Respondent's Submission has been grouped into four templates as follows:

1. Section I
2. Section II
3. Section III, IV and V
4. Attachments

Procurement Reference No	
Project Name	
Project Country	Mauritius

I. Applicant's Information

Date:	Country of Incorporation ¹ (if applicable)
Applicant Name:	Acronym:
EOI Submission Authorized by:	Position

Associations (Joint Venture or Sub-consultancy)

Serial No.	Applicant	Acronym	Country of Incorporation (if applicable) ²	Joint Venture (JV) or Sub-consultant	EOI Submission Authorized By	Position

Present the rationale for and benefits of working in association (JV or Sub-consultant) with others rather than undertaking the assignment independently (as appropriate). Describe the proposed management and coordination approach of the association and the role of each firm.

We confirm that:

- Documentation regarding our corporate structure including beneficial ownership has been attached.
- Documentation regarding our Board of Directors has been attached.
- A written agreement to associate for the purpose of this Expressions of Interest has been signed between the joint venture partners and has been attached.

¹ The Applicant must submit a copy of the Certificate of Incorporation of itself through VII EOI Attachments

² The lead consultant must submit a copy of the Certificate of Incorporation of itself and of each JV member and sub-consultant through VII. EOI attachments..

II. Assignment Specific Qualifications and Experience

We list hereunder our project references which demonstrate our technical competence and geographical experience.

(Please provide relevant project information in Section D below).

A. Technical Competence

Project References, highlighting the technical qualifications of our entity/joint venture in undertaking assignments and details of past experiences working with project authorities.

B. Experience in similar projects

Project References, highlighting the technical qualifications of our entity/joint venture in undertaking landscaping works and details of past experiences working with similar project authorities.

C. Other relevant Information (maximum of 500 words)

D. Project References

We list hereunder our most relevant projects to demonstrate the firm's technical qualifications and similar experience (maximum[public body to specify number] projects).

SN	Project	Period	Client	Country	Firm
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					

Project Summary

SN 1	
Project Title	
Country / Region	
Start Date	
Completion Date	
Continuous / Intermittent	
Client	
Funding Source	
Description	(indicate your role and input in person-months)

SN 2	
Project Title	
Country / Region	
Start Date	
Completion Date	
Continuous / Intermittent	
Client	

Funding Source	
Description	(indicate your role and input in person-months)

(Please insert more tables as necessary)

III. We submit our comments on Terms of Reference

IV. We list hereunder the Key Considerations in approaching this assignment (no more than 9,000 characters summarizing approach and methodology)

V. The details of the Key Experts available for this assignment

(a) Relevant Experience of the Single Entity’s organization/ Joint Venture members Professional Staff are listed hereunder:

SN	Name	Qualification	Years of experience	Relevant Experience				
				Name of assignment - Duration	Client	Position	Duration	
							From	To
1								
2								
3								
4								
5								

(Please insert more rows as necessary)

(b) Relevant Experience of the External Professional Staff available to the Applicant

SN	Name	Qualification	Years of experience	Relevant Experience				
				Name of assignment - Duration	Client	Position	Duration	
							From	To
1								
2								
3								
4								
5								

(Please insert more rows as necessary)

VI. EOI Attachments

SN	Description
1	Certificate of Incorporation of the lead member (if applicable)
2	Certificate of Incorporation of the JV member (for each member) (if applicable)
3	Letter of Joint Venture/intent of Joint Venture
4	Documents regarding corporate structure including beneficial ownership
5	Documents regarding Board of Directors
6	Documents showing experience and eligibility.
7	Comments on Terms of Reference
8	Methodology and Approach
9	Maintenance Plan
10	Any other attachments