

A

White Paper

on the

The Construction Industry Development Board Bill

Introduction

In the mid 90's, it was felt that there was a missing link between the government and the stakeholders of the construction industry. A mechanism was needed to bridge the gap and more importantly to ensure the sustainability and development of the construction industry. In order to provide for that missing link to create an enabling regulatory and development framework for the industry, Government enacted the Construction Industry Development Board Act in 1997. The Act provided for the establishment of the Construction Industry Development Board with the principal objective to promote and stimulate the development, improvement and expansion of the construction industry.

The Construction Industry Development Board Act 1997 provided *inter alia* for the Board to register consultants and contractors operating in the construction industry. The aim for the registration of consultants and contractors was to ensure that consultants and contractors execute construction works within their capability, thus improving industry performance and ensuring effective delivery in the industry. This would also have promoted a more sustainable tendering and contracting environment in the industry thereby reducing project failures.

However, in the course of setting up the registration procedures, it was realized that provisions regarding the registration of consultants and contractors was not clearly defined in the Act and could therefore give rise to confusion and misinterpretation. This is one of the main reasons that triggered the necessity to review the Construction Industry Development Board Act 1997. By the same instance, government wanted to make the legal framework for construction industry development more transparent and responsive to the needs of the industry.

In that respect, a Committee was set up to review the Construction Industry Development Board Act 1997. The Committee recommended a number of amendments necessary to strengthen the legislation and to make it more comprehensive and transparent. The amount of amendments recommended by the Committee resulted in the drafting of the Construction Industry Development Board Bill.

The Construction Industry Development Board Bill is quite elaborate and has a set of well-defined clauses that provides for a proper regulatory and development framework for the construction industry. The Bill in fact consolidates and improves on the law relating to the regulation of the construction industry and hence set out an objective and reliable framework that could ensure sustainable growth.

The Bill also empowers the Construction Industry Development Board to fully assume its role and responsibilities as a facilitator for the promotion of the development and expansion of the construction industry.

Summary of the draft Construction Industry Development Board Bill

The Construction Industry Development Board Bill provides for the setting up of the Construction Industry Development Board as a statutory body which will operate under the aegis of the Ministry of Public Infrastructure, Land Transport and Shipping. The Construction Industry Development Board will be administered by a Council comprising representatives from the different segments of the construction industry including government officials. It will have its own administration and staff to work towards its clear set of objectives and functions for the purpose of promoting the development of the construction industry.

There are provisions to ensure that the Board operates in all transparency and in compliance with principles of corporate governance. Members and officers would have to disclose their interest in any matter that would be brought before the Council.

The Bill also makes provisions for the annual registration of consultants and contractors and for a national register to be maintained by the Board. Foreign consultants and contractors will be eligible to operate in the industry provided they meet certain regulatory requirements.

There are provisions for renewal, non-renewal, cancellation and suspension of registration. Relevant clauses for the offences and appeal have also been provided.

Provisions have been made for contractors presently registered with the Ministry of Public Infrastructure, Land Transport and Shipping to be given a transitional period.

Provisions to make Regulations as and when required have been included in the Bill. Three Schedules have also been appended to the Bill which provide for Exemption from registration, Grades of Consultants/Contractors and Areas of Specialisation of Consultants/Contractors.

The salient features of the Construction Industry Development Board Bill that require the attention of stakeholders are highlighted below:

1. Important definitions in the Bill

“construction industry” means the industry dealing with construction works and services;

“construction works and services” includes all aspects of architectural, engineering, development or construction works or services, including related production, design or consultancy works or services, which result in the construction, maintenance, retrofitting, repair or removal of buildings or infrastructure;

“consultant” means a person who undertakes to provide architectural, engineering, quantity surveying or project management services in the construction industry, and includes a foreign consultant;

“contractor” means a person who undertakes to carry out construction works or services, and includes a foreign contractor;

“foreign consultant” means

- (a) in the case of an individual, a consultant who -
 - (i) is not a citizen of Mauritius; or
 - (ii) does not ordinarily reside in Mauritius;
- (b) an entity incorporated in Mauritius the control of which is vested in persons with relevant professional qualifications who -
 - (i) are not citizens of Mauritius; or
 - (ii) do not ordinarily reside in Mauritius;

“foreign contractor” means

- (a) in the case of an individual, a contractor who -
 - (i) is not a citizen of Mauritius; or
 - (ii) does not ordinarily reside in Mauritius;

- (b) an entity incorporated in Mauritius, the control of which is vested in persons who –
 - (i) are not citizens of Mauritius; or
 - (ii) do not ordinarily reside in Mauritius;

2. Operators to be exempted under the Act

The Act shall not apply to –

- (i) any person who undertakes construction works or services of a value which is less than the amount specified in the First Schedule;
- (ii) a public officer who acts as consultant for any construction works or services on behalf of the Government.

An individual operating, or an entity incorporated and operating, in Mauritius as a consultant or contractor, as the case may be, for a period of not less than 10 consecutive years shall not be considered as a foreign consultant or contractor.

3. Establishment of the Board

The Act shall establish the Construction Industry Development Board as a body corporate.

4. The objects of the Board

- (a) Promote and stimulate the development, improvement and expansion of the construction industry;
- (b) Promote, stimulate and undertake research into matters relating to the construction industry;
- (c) Promote, stimulate and assist in the export of services relating to the construction industry; and
- (d) Promote and stimulate quality assurance in the construction industry.

5. The functions of the Board

- (a) Provide advisory services to the construction industry;

- (b) Make recommendations on the quality of construction materials;
- (c) Encourage the standardisation and improvement of construction techniques;
- (d) Develop standard forms of construction agreements and contracts;
- (e) Promote the adoption of quality assessment systems in the industry;
- (f) Advise on training programmes for consultants, contractors and construction workers;
- (g) Publish an annual list of registered consultants and contractors;
- (h) Advise and make recommendations to the Minister on matters relating to the construction industry;
- (i) Initiate and maintain a construction industry information system;
- (j) Perform such other functions as may be necessary to further its objects.

6. The powers of the Board

The Board shall have the power to do all such acts as are necessary for it to achieve its objects and perform its functions, and in particular –

- (i) register consultants and contractors in the construction industry;
- (ii) cancel, suspend or reinstate the registration of any consultant or contractor;
- (iii) charge a reasonable fee in respect of any services provided by the Board;

7. Establishment of a Council

- (1) The Act shall establish a Council and the Board shall be administered by that Council.

- (2) The Council shall consist of –
- (a) a Chairperson, who shall be appointed by the Minister;
 - (b) 4 representatives of the Ministry responsible for the subject of public infrastructure, comprising of an architect, an engineer, a quantity surveyor and the Permanent Secretary;
 - (c) a representative of the Ministry responsible for the subject of human resource development;
 - (d) a representative of the Mauritius Standards Bureau;
 - (e) a representative of the Mauritius Association of Architects;
 - (f) a representative of the Institution of Engineers Mauritius;
 - (g) a representative of the Mauritius Institute of Surveyors;
 - (h) a representative of the Mauritius Association of Quantity Surveyors;
 - (i) a representative of the Building and Civil Engineering Contractors' Association;
 - (j) 2 contractors, other than members of the Building and Civil Engineering Contractors' Association, to be appointed by the Minister.
- (3) Every member of the Council, other than the ex-officio members, shall hold office for a period of 2 years and shall be eligible for re-appointment.

8. The need for disclosure of interest

A member of the Council or any employee of the Board who has a direct or indirect interest in any matter brought before the Council-

- (a) shall immediately inform the Council; and
- (b) shall not participate in the deliberations or any part of the decision making process in relation to that matter.

9. Authorised officer of the Board

There shall be authorised officer of the Board who may for the purposes of the Act -

- (a) enter, at all reasonable times, a construction site; and
- (b) make such enquiry or inspection as he thinks fit.

During an inspection an authorised officer may -

- (a) direct any person to submit information on the registration of a consultant or contractor;
- (b) ask for the production of any records kept by a consultant or a contractor in the discharge of his duties and may make copies or take extracts of such records;
- (c) retain possession of the documents or records for such period as is reasonably necessary for the purpose of the enquiry to which the documents or records relate;
- (d) when entering a construction site -
 - (i) inspect such equipment as he may consider necessary;
 - (ii) take or remove samples of any substance or things found on the site free of any charge;
 - (iii) take photographs and measurements and make sketches and recordings at the site;
 - (iv) require any person to give him any assistance as he may require;

In exercising any power under this Act, every authorised officer shall produce his authority on request.

10. Register

- (1) The Board shall keep and maintain a Register of consultants and a Register of contractors at its office, in which shall be entered respectively -
 - (a) the names, business addresses, grade and area of specialisation of every registered consultant or contractor, as the case may be, under this Act;

- (b) such other particulars as the Board may, from time to time, determine.
- (2) The Register of consultants and the Register of contractors shall be made available for inspection by members of the public at all reasonable times during office hours.
- (3) The Board may amend a register to correct any error in any entry made in it, or to remove from it the name of any registered consultant or contractor.

11. Registration of consultant and contractor

- (1) No person shall offer his services as a consultant or as a contractor in relation to construction works and services unless he is registered with the Board and has been issued with a certificate of registration for that purpose.
- (2) An application for registration as a consultant or as a contractor under this Act shall be made in a form approved by the Council and shall be accompanied by such application fee as may be prescribed.
- (3) The Council may require an applicant to attend an interview to be conducted by a panel constituted of members of the Council and such other persons as the Council may decide and, where the applicant fails to attend, the Board may reject his application.
- (4) The Council may require from an applicant such information as is necessary to determine –
 - (a) his technical and financial capability;
 - (b) whether he is fit and proper to be registered.
- (5) The Council shall not register an applicant where he –
 - (a) has been adjudged bankrupt or declared insolvent, or in the case of a corporate body, a winding up order has been issued against it;
 - (b) has been found guilty of professional misconduct by a recognised professional body;
 - (c) has been convicted for an offence involving dishonesty;
or

- (a) has submitted misleading information for the purposes of his registration.
- (6) Where the Council grants an application under this section, it shall –
 - (a) determine –
 - (i) the grade of the consultant, or of the contractor, specified in the Second Schedule or Third Schedule, as the case may be; and
 - (ii) such area of specialisation as specified in the respective Schedules,
in respect of which the registration is granted; and
 - (b) issue to the applicant a certificate of registration, valid for one year, on the payment of such fee as may be prescribed and on such terms and conditions as it may determine;
 - (c) assign a registration reference to every registered consultant or contractor.
- (7) A certificate of registration issued by the Council –
 - (a) shall not be transferable;
 - (b) shall not entitle the holder to undertake or implement any project which is not within the area of specialisation in respect of which the registration is made.

12. Temporary registration of foreign consultant and foreign contractor

- (1) No foreign consultant or foreign contractor shall carry out works in the construction industry unless he or it is issued with a certificate of temporary registration for that purpose.
- (2) A foreign consultant or foreign contractor who intends to participate in a tender exercise for construction works and services shall first apply for a provisional registration in respect of that tender.
- (3) An application for the provisional registration shall be made in writing in a form and manner to be approved by the

Council and shall be accompanied by such application fee as may be prescribed.

- (4) On receipt of an application for a provisional registration, the Council may, after considering whether applicant satisfies the requirements, grant the application and enter the name of the applicant in the appropriate register and issue a provisional registration subject to the payment of such fee as may be prescribed and on such terms and conditions as the Council may determine.
- (5) A provisional registration shall be for an initial period of six months and may be renewed.
- (6) Where the holder of a provisional registration –
 - (a) is awarded the contract, he shall be issued with a certificate of temporary registration upon payment of such fee as may be prescribed;
 - (b) is not awarded the contract, his provisional registration shall automatically lapse.

13. Renewal of registration

Registration shall be renewed annually within one month before the date of expiry of the certificate of registration subject to an application being made in a form approved by the Council and on payment of such renewal fee as may be prescribed.

14. Non-renewal of registration

- (1) Where the holder of a Certificate of registration or a certificate of temporary registration fails to apply for renewal of his certificate within the period specified above, he shall, on renewal be liable to a surcharge of 25 per cent of the renewal fee for every month or part of a month during which he has failed to apply for renewal.
- (2) Where a person fails to renew his certificate of registration or his certificate of temporary registration within 4 months of its expiry, the certificate shall lapse and his name shall be struck off the register.

15. Cancellation and suspension of registration

- (1) The Council may cancel the registration of a consultant or contractor where the consultant or contractor -
 - (a) has been adjudged bankrupt or insolvent, or in the case of a corporate body, a winding up order has been issued against it;
 - (b) has obtained his certificate of registration by fraud or misrepresentation;
 - (c) has, without good cause, abandoned any construction works undertaken by him;
 - (d) has been negligent in the provision of his services;
 - (e) has been found guilty of professional misconduct;
 - (f) has ceased to act as consultant or contractor;
 - (g) has contravened any provision of this Act or any regulations made under this Act;
 - (h) has failed to comply with any condition specified in his certificate of registration.
- (2) Before cancelling the registration of any consultant or contractor under paragraph (1)(b) to (h) above, the Council shall, by notice in writing, require him to show cause in writing within 15 days of the date of the service of the notice, why the registration should not be cancelled.
- (3) The Council may, pending its decision to cancel a registration under this section, and where, in its opinion, the circumstances so require, suspend the registration of a consultant or contractor in any of the cases specified under paragraph (1)(b) to (h) above.
- (4) The registration of -
 - (a) any consultant shall be automatically cancelled on his death, or deregistration by his professional body;
 - (b) any contractor shall be automatically cancelled on his death;

- (c) any consultant or contractor operating as a company, firm, association or partnership may be cancelled on the death, or deregistration by his professional body of a consultant, of any of the principals, associates or partners whose participation or professional qualification was, in the opinion of the Council, material for the grant of its application for registration.
- (5) The Council shall inform the consultant or contractor of its decision to cancel/suspend an application within 7 days of such decision, by notice in writing, specifying the reasons thereof.

16. Publication

- (1) The Council shall, not later than 30 June of every year, publish an annual list of registered consultants and contractors in the *Gazette*.
- (2) The Council shall publish in the *Gazette* and in at least one daily newspaper any cancellation, suspension or any change in particulars, of any registration made under this Act.

17. Appeal against decision of the Council

- (1) Any consultant or contractor who is aggrieved by any decision of the Council may appeal to the Minister within 21 days of the notification to him of the decision.
- (2) The Minister may, on an appeal being made, affirm, vary, or reverse the decision of the Council, stating his reasons for doing so.

18. Offences under the Act

- (1) Any consultant or contractor who contravenes the provision at paragraphs 11(1), 11(7) and 12(1), shall commit an offence and shall, on conviction, be liable to a fine not exceeding 100,000 rupees and to imprisonment for a term not exceeding 2 years.
- (2) Any person who obstructs or impedes, or fails without reasonable excuse to comply with a request of, an authorised officer in the performance of his duties under this Act shall commit an offence and shall on conviction be liable to a fine not exceeding 50,000 rupees and to imprisonment for a term not exceeding one year.

19. Regulations

- (1) The Minister may, after consultation with the Council, make such regulations as he thinks fit for the purposes of this Act.
- (2) Regulations may provide for –
 - (a) the payment of fees, levy, charges or surcharges and imposition of penalties; and
 - (b) the amendment of the Schedule.
- (3) Any regulations made under paragraph (1) above may provide that any person who contravenes them shall commit an offence and shall, on conviction, be liable to a fine not exceeding 50,000 rupees and to imprisonment for a term not exceeding one year.

20. Transitional provisions for contractors registered with the Ministry of Public Infrastructure, Land Transport and Shipping

- (1) Every contractor who has been registered with the Ministry of Public Infrastructure, Land Transport and Shipping shall be deemed to have been registered under the new Act for a period of one year from the date of commencement of the new Act in the same grade for which the contractor was previously registered with the Ministry.
- (2) Every contractor referred to above shall, within 4 months of the coming into operation of this Act, produce his certificate of registration and shall furnish such other documents or any information that may be required by the Council.

21. Commencement of the Act

- (1) The new Act shall come into operation on a date to be fixed by Proclamation.
- (2) Different dates may be fixed for the coming into operation of different sections of the Act.

FIRST SCHEDULE

Amounts in rupees

Construction works or services

500,000

SECOND SCHEDULE

A. GRADE OF CONSULTANTS

Grade	Description
I	A consultant who does not employ any person and who holds a professional qualification in the field of registration or; A consultant** who employs not more than 6 persons, of whom at least one holds the professional qualification in the field of registration
II	A consultant** who employs more than 6 but not more than 12 persons, of whom at least 2 hold the professional qualification in the field of registration
III	A consultant** who employs more than 12 but not more than 21 persons, of whom at least 4 hold the professional qualification in the field of registration
IV	A consultant** who employs more than 21 persons, of whom at least 7 hold the professional qualification in the field of registration

****Where a consultant holds the professional qualification in the field of registration, he shall be included in the number of qualified professionals required for the grade.**

B. FIELD OF REGISTRATION OF CONSULTANTS

1. Architecture
2. Civil Engineering
3. Mechanical and Electrical Engineering
4. Project Management
5. Quantity Surveying

THIRD SCHEDULE

A. GRADE OF CONTRACTORS

GRADE	VALUE OF WORKS THAT A CONTRACTOR IS ALLOWED TO UNDERTAKE
	Rs (in millions)
AAA	Above 500
AA	up to 500
A	Up to 200
B	Up to 100
C	Up to 50
D	Up to 20
E	Up to 10
F	Up to 5
G	Up to 2.5
H (I)	Up to 1.5
H (II)	Up to 0.8

B. AREA OF SPECIALISATION

(a) Building Construction

REFERENCE	AREA OF SPECIALISATION	DESCRIPTION
B 01	Prefabricated building and industrial plant	Construction of building and industrial plant using prefabricated components and systems.
B 02	Steel framed building and industrial plant	Construction of steel framed building and industrial plant including towers.
B 03	Restoration and conservation	Building restoration and conservation.
B 04	General building maintenance and refurbishment	All types of building. Fixing partition, roofing and general maintenance of building.
B 05	Piling and diaphragm walling	Installation of all types of piling-sheet piles, piling-steel piles, driven precast reinforced and prestressed concrete piles, bored cast-in situ piles and timber piles, including other patented piling systems and diaphragm walling works.
B 06	Construction repairs	Specialisation in works of various construction repairs, refurbishment and reinstatement works including pressure grouting and guniting.
B 07	Interior decoration	Decoration of building including ceiling panels, partitioning, built-in fitments, furniture, joinery and raised floor works.
B 08	Waterproofing installation	Waterproofing of basement, roof and wall.
B 09	Landscaping	Provision of landscaping works including tree planting and turfing.
B 10	Plumbing and drainage	Installation, repair and servicing of water and gas pipe, sanitary works, plumbing fixtures, mains and drainage.
B 11	Signcraft installation	Installation of integrated sign posting system for complexes, airports, shopping centres.

B 12	Airport	Terminal building, satellite building, cargo terminal, air traffic control tower, contact pier, passenger loading bridge, taxiway, runway, apron, aircraft parking bay, baggage handling system, track transit system, automatic landing system, pipeline for gasoline.
B 13	Specialised formworks for concrete	Sleepform to building works
B 14	Asbestos handling	All building works including demolition and construction where asbestos are used for insulation, coating.

(b) Civil Engineering Construction

REFERENCE	AREAS OF SPECIALISATION	DESCRIPTION
CE 01	Road and pavement construction	Construction of road and road reinstatement, pavement, bus bays, open car park and related works.
CE 02	Bridge construction	Construction of concrete, masonry, timber and steel bridges.
CE 03	Marine structure	Construction of marine structure including jetty, port, wharf, harbour, sea and river wall and outwall.
CE 04	Water retaining structure	Construction of water retaining structure including dam, reservoir, aquaduct, treatment plant, and pipe laying works.
CE 05	Tunnelling and underpinning	Tunnelling and underpinning works.
CE 06	Irrigation and flood control system	Dredging in canal, river and offshore works, irrigation equipment, filter, pump, water treatment and flood control works/ equipment
CE 07	Railway track	Installation of railway track, distressing of rail, and track, railway signaling.
CE 08	Slope protection system	Slope protection works.
CE 09	Oil and gas pipeline	Installation, maintenance and repair of oil and gas pipeline.
CE 10	Piling and diaphragm walling	Installation of all types of piling sheet pile, steel pile, driven precast reinforced and prestressed concrete pile; bored cast-in situ pile and timber pile including all other patented piling systems and diaphragm walling works.
CE 11	Concrete and construction repairs	Specialisation in works of various concrete repairs to refurbishing and reinstatement including pressure grouting and guniting.

CE 12	Geotechnical investigation	Works include sampling, investigation and testing services to determine physical and chemical characteristics of soil, strength and composition, soil stabilisation works including micro piling, ground anchoring, sand drain and ground grouting.
CE 13	Signcraft installation	Installation of integrated sign posting system for complexes, airports, shopping centers, including setting up of exhibition stand and advertising hoarding.
CE 14	Landscaping	Provision of landscaping works including tree planting and turfing.
CE 15	Offshore construction	Offshore construction works including related works.
CE 16	Underwater construction	Underwater construction works.
CE 17	Airport	Terminal building, satellite building, cargo terminal, air traffic control tower, contact pier, passenger loading bridge, taxiway, runway, apron, aircraft parking bay, baggage handling system, track transit system, automatic landing system, pipeline for gasoline.
CE 18	Reclamation works	Reclamation works including landfill.
CE 19	Sewerage works	Sewerage works and related works systems, including installation, testing, commissioning, maintenance and repair of plumbing and drainage system.
CE 20	Water supply works	Water supply network works, including installation, testing, commissioning, maintenance and repairs of domestic and other water supply systems, including pump, piping, valve, riser, sprinkler=
CE 21	General civil engineering works	General civil engineering works, including earthwork, subsoil drainage.
CE 22	Specialised formwork for concrete	Sleepform to civil engineering works.

(c) Mechanical and Electrical Works

REFERENCE	AREA OF SPECIALISATION	DESCRIPTION
M 01	Air conditioning and ventilation system	Installation, testing, commissioning, maintenance and repairs of air-conditioning, refrigeration, cold room and ventilation system.
M 02	Fire prevention and protection system	Installation, testing, commissioning, maintenance and repairs of fire fighting equipment, including pump, piping, hose reel, landing valve, wet and dry riser, alarm, smoke/heat detector, sprinkler, for prevention and protection.
M 03	Lift and escalator.	Installation, testing, commissioning, maintenance and repairs of lift, escalator, traveller and conveyor system.
M 04	Workshop, mill, quarry system	Installation, testing, commissioning, maintenance and repairs of workshop, mill, quarry systems, crushing and screening plant, asphalt mixing plant, material handling plant.
M 05	Medical equipment	Installation, testing, commissioning, maintenance and repairs of medical equipment including, compressed air system, hot water installation, sterilizer and autoclave, medical gas installation, hydrotherapy system, dental chair, mortuary refrigerator.
M 06	Kitchen and laundry equipment	Installation, testing, commissioning, maintenance and repairs of cooking and kitchen equipment, laundry equipment.
M 07	Heat recovery system	Installation, testing, commissioning, maintenance and repairs of boiler plant, heat exchanger, absorption chiller, unfired pressure vessel and hot water and gas system.
M 08	Compressor and generator	Installation, testing, commissioning, maintenance and repairs of centrifugal compressor, reciprocating compressor, pipeline valves, blowers, liquid ring compressor, oil or gas turbine generator, steam generator, diesel generator, solar photovoltaic, water turbine generator and hybrid system.
M 09	Chiller for power generation	Installation, testing, commissioning, maintenance and repairs of gas turbine driven chiller, steam turbine driven chiller and centrifugal chiller.

M 10	Specialized fabrication and treatment	Erection, testing, commissioning, maintenance and repairs of exhaust stock, tank, reactor, separator, filter, scrubber, dehydrator, evaporator, piping furnace, grit blasting and painting, hot and cold insulation, flare system, bearing and welding.
M 11	Specialized plant	Erection, testing, commissioning, maintenance and repairs of compressor station, metering station, onshore terminal station, cogeneration plant, gas processing plant, LPG, petrochemical plant, oil refinery, aviation refuelling and defuelling system, petrol station, heating, ventilation and air conditioning.
M 12	Drilling rig	Erection, testing, commissioning, maintenance and repairs of offshore rig (Jack-up tender assisted, drill ship, self contained/platform rig, semi submersible) onshore rig, conventional workover rig swamp barge.
M 13	Pollution control plant system	Installation, testing, commissioning, maintenance and repairs of landfill technology, incinerator, oil separators.
M 14	Miscellaneous mechanical equipment	Installation, testing commissioning, maintenance and repairs of mechanical based systems including pumping installation, sewerage treatment plant installation, rotary pump, reciprocating pump, centrifugal pump and special purpose pump, filter, irrigation equipment, mechanical water treatment equipment.
M 15	Plumbing works	Installation, testing, commissioning, maintenance and repairs of domestic water, waste water and LPS gas systems.
E 01	Sound system	Public address system, audio visual system, conference system, intercom system and MATV.
E 02	Security, safety and surveillance system	Installation, testing, commissioning, maintenance and repairs of security, safety and surveillance systems (security alarm, car park security control and card access control systems, CCTV, sensor/detection systems, vibration monitoring system, gas protection system, platform alarm system, aircraft warning system, fire protection system, earthing and lightning protection).
E 03	Building automation system, energy generation system and	Building automation, industrial and process control systems including installation, testing, commissioning, maintenance and

	building management and maintenance system	repairs of microprocessors or computer based building control system and industrial process control system Installation, testing, commissioning, maintenance and repairs of energy generation systems.
E 04	Low voltage installation	General wiring and control system wiring not exceeding 1 kV. Installation, testing, commissioning, maintenance and repairs of low tension overhead lines and underground cabling not exceeding 1 kV, including installation, testing, commissioning, maintenance and repairs of generating plant and equipment not exceeding 1 kV.
E 05	High voltage installation	Installation, testing, commissioning, maintenance and repairs of high voltage equipment and underground cabling, high tension overhead line including transmission tower exceeding 1 kV and testing, commissioning, maintenance and repairs of generating plant and equipment exceeding 1 Kv.
E 06	Specialized lighting system	Installation, testing, commissioning, maintenance and repairs of street lighting, stadium floodlighting, traffic lighting, airfield lighting, high mast lighting installation, laser system, stage lighting, special effect lighting, platform lighting, petrol chemical plant lighting, gas processing plant lighting, oil refinery plant lighting.
E 07	Telecommunication installation	Telephone cabling and internal ducting, radio based communicated system, PABX, microwave system, multiplex and signalling, troposcatter system, satellite system, radar surveillance system, data communication equipment, remote subscriber system, vessels and navigational specialized system.
E 08	External telecommunication works	Telecommunication cabling (under-ground/overhead), manholes, under-ground ducting/pipes.
E 09	Miscellaneous specialisation	Installation, testing, commissioning, maintenance and repairs of surgical/operating theatre table and lights, radiography equipment, radiotherapy equipment, nurse call system, electronic scoreboard, uninterrupted power supply (UPS) system.

Consultation

The proposals in this document are submitted for consultation to encourage discussion on the draft Construction Industry Development Board Bill. Comments, suggestions and proposals may be submitted in writing by **28 July 2006** and should be addressed to the Secretary, Construction Industry Development Board, M3, Government Quarters, Mgr. O. Barry Street, Floreal.