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PART II

Statutory Notifications, (S.R.O.)

GOVERNMENT OF PAKISTAN

MINISTRY OF WATER AND POWER

NOTIFICATION

Islamabad, the 8th July, 1987

S.R.O. 568(I)/87.— In exercise of the powers conferred by section 25 of the Pakistan Engineering Council Act, 1975 (V of 1976), the Executive Committee of the Council, with the previous sanction of the Federal Government, is pleased to make the following bye-laws namely:—

1. Short title, application and commencement.— (1) These bye-laws may be called the Construction and Operation of Engineering Works Bye-laws, 1987.

(2) They shall apply to:—

- (a) all engineering works; except the works valuing less than four million rupees;
- (b) Pakistani operators and foreign operators of all engineering projects requiring running and operation on a continuing basis;
- (c) clients and employers who employ constructors and operators for any engineering work in their charge; and
- (d) All Pakistani constructors and foreign constructors licensed as such by the Council.

(3) They shall come into force at once.

2. Definitions.—In these bye-laws, unless there is anything repugnant in the subject or context, –

- (a) “Act” means the Pakistan Engineering Council Act, 1975 (V of 1976);
- (aa) “application or application form” means the form as prescribed in Appendix A, AI, AII and AIII to these bye-laws;
- (b) “client/employer” means any person, corporate body, engineering public organization or any other agency who wishes to have an engineering works constructed through a contractor;
- (c) “completion date” shall mean the date on which the construction of project is completed as per construction contract;
- (d) “construction” of any engineering work shall also mean to include surveys, sub-soil and other investigations, erection, installation, testing and commissioning and execution of all activities required to achieve the desired final shape of an engineering work, and shall also include extension remodeling, rebuilding and repair works and all other works incidental thereto;
- (e) “construction contract” means the contract under which the constructor promise to complete the project undertaken by him through prime contract, sub-contract, commission or in any other form of contract regardless of the appellation thereof, and the other party promises to duly effect the payment for such project executed by the said constructor;
- (ea) “Council” means the Pakistan Engineering Council;
- (f) “constructor” means any person, partnership, corporate body or other legal entity incorporated under the laws of Pakistan and registered or licensed as such by the Council;
- (fa) “foreign constructor or foreign operator” means an enterprise fully owned by one or more foreign nationals having minimum fifty-one percent shares or any enterprise incorporated with the Securities and Exchange Commission of Pakistan and having minimum fifty-one percent shares of foreign nationals with minimum seventy percent of its engineering staff from Pakistan;
- (g) “licence” means a licence granted by the Council under these bye-laws permitting a licensee to construct or operate projects of the category as specified in the licence for a specified period;
- (h) “maintenance” includes all activities executed after the completion date of construction and during the maintenance period as specified in the construction contract or during a period of twelve months after the completion date of construction;

- (i) “operation” means the supervision and management of running, operation and execution of all activities required to efficiently operate a project after it is constructed by a constructor in order to achieve the aims and objectives of the project;
- (j) “operator” means any person, partnership, corporate body or other legal entity registered or licensed as such by the Council;
- (ja) “Pakistani constructor or Pakistani operator” means an enterprise fully owned by one or more Pakistani nationals having minimum fifty-one percent shares or any enterprise incorporated with the Securities and Exchange Commission of Pakistan and having minimum fifty-one per cent shares of Pakistani nationals with minimum seventy per cent of its engineering staff from Pakistan;
- (k) “prime contractor or constructor” means the contractor or constructor who has been awarded a construction contract for a project by the client or employer;
- (kk) “professional credit points (pcp)” means the professional credit points earned by a person, or by an organization on the basis of professional strength and are computed in the manner prescribed in these bye-laws;
- (l) “project or work” means an engineering work constructed and maintained by a constructor either through a contract with a client or employer or otherwise or a completed engineering work operated by an operator;
- (m) “sub-contract” means the contract for a work which is concluded by and between the prime contractor and the other contractor to sublet a portion of such project undertaken by the former within the provision of the main contract;
- (n) “sub-contractor” means the constructor who is undertaking a portion of the work sublet by the prime contractor;
- (o) “undertaking” means the undertaking from the engineer as prescribed in Appendix B to these byelaws.

3. Engineering Work.— No engineering work shall be constructed except by a constructor or operated except by an operator licensed as such by the Council.

4. Licences.— (1) All constructor’s and operator’s licences shall be issued by the Council on the form prescribed in Appendix C on the basis of professional engineering content of the constructors’ or operators’ organizations in accordance with the procedure laid down in these bye-laws.

(2) The licence issued to the constructor or operator shall specifically mention the type of work that the constructor or operator can undertake according to disciplines shown in the application form prescribed in Appendix A.

(3) The constructor or operator enlisted in a particular field or discipline shall be allowed to undertake work of other disciplines up to twenty-five *per cent* of the amount of limit of category in which he is entitled.

(4) A licence granted by the Council shall entitle a licensee to perform an engineering work for client or employer. However, the client or employer may prescribe his own requirements over and above the requirements for licence prescribed by the Council, particularly in respect of financial soundness, plant and equipment capability, previous experience, business management capabilities and specific expertise which in the opinion of a client or employer, is essential for the execution of the work. A licensee shall be eligible to apply for prequalification even if he is not enlisted or registered with the client or employer. The grant of licence by the Council shall not absolve the licensee from application of any building control laws and other codes that are applicable to the engineering works.

(5) Application for registration or renewal or up-gradation of constructors or operators in any category shall supported with the following documents, namely:—

- (a) readable copy of computerized national identity card of owner or shareholders or partners;
- (b) fee original payment voucher, in respect of on-line deposit of fee in scheduled bank notified by the Council from time to time;
- (c) bank statement for last one year or accounts record verified by chartered accountant or audited financial statement;
- (d) for a newly employed engineer or supervisory certificate holder the following documents shall be required, namely:—
 - (i) copy of appointment letter duly signed by employer and engineer employed or employment contract signed with engineer holding supervisory certificate;
 - (ii) detailed curriculum vitae duly signed by engineer in original if not holding supervisory certificate;
 - (iii) copy of valid Council's card of engineer;
 - (iv) bank statement or certificate from employer's or employee's bank statement regarding transaction of salary into engineer's account, duly supported with cross cheque or deposit slip or personal appearance of engineer or copy of supervisory certificate; and
 - (v) national tax number of engineer or supervisor certificate holders;
- (e) for an existing engineer the following documents shall be required, namely:—
 - (i) copy of valid Council's card of engineer;
 - (ii) bank statement or certificate from employer's or employee's bank statement regarding transaction of salary into engineer's account, duly supported with cross cheque or deposit slip

- or personal appearance of engineer's copy of supervisory certificate; and
- (iii) national tax number of engineer;
- (f) for engineer as owner or shareholder or partner the following documents shall be required, namely:—
 - (i) undertaking by engineer or shareholder or partner as set out in Form-I;
 - (ii) detailed curriculum vitae duly signed by engineer in original;
 - (iii) copy of valid Council's card of engineer;
 - (iv) national tax number of engineer, and
 - (v) undertaking from engineer as set out in Appendix-B;
 - (g) on stamp paper of one hundred Rupees duly attested by oath commissioner, affidavit, by chief executive officer or chairman or owner of the firm or company of the works in progress or completed along with their performance and satisfactory completion report as set out in Form-II and Form-III;
 - (h) list of workable machinery and equipment owned by the company duly signed by chief executive officer or shareholder or partner and contract agreement with machinery supplier, if any;
 - (i) organizational chart of the firm showing chain of command duly signed by chief executive officer or shareholder or partner;
 - (j) in case of sole proprietor or partnership firm or private limited company or public limited company, an affidavit of sole proprietor duly attested by oath commissioner or partnership deed and Form C, D, H or certificate of incorporation, articles of association, memorandum of association, Form 29 and Form A shall be required respectively; and
 - (k) national tax number of the firm.

(6) No constructor's or operator's licence shall be granted by the Council to such persons, firm and companies who:

- (a) are declared bankrupt and are not rehabilitated;
- (b) are adjudged incompetent or quasi-competent by the Council based on the criteria specified in Table A and B in the succeeding clause.
- (c) have acted in a manner such that their previous licence has been cancelled for any reason whatsoever until the Council is satisfied that the causes of previous cancellation of licence have been removed;
- (d) have been dismissed at any time from employment for corruption, fraud or moral turpitude;
- (e) have committed professional misconduct;
- (f) violate the conditions and limitations prescribed by the licence and the requirements of professional content of the licensee's organisation as prescribed: and
- (g) fail to pay the prescribed licence fees or the charges for violations in accordance with these bye-laws:

Provided that the persons who are directors of such companies, which are under liquidation, shall not be affected by the provisions of this bye-law unless such persons, as individuals, are declared to be bankrupt.

(7) On receipt of an application for issuance of constructor's or operator's licence and after satisfying itself on making any inquiry that it may deem necessary, the Council may issue a licence to the applicant as constructor or operator, as the case may be, in any one of the categories as set out in Table 'A' and Table 'C' or, as the case may be, in Table 'B' and Table 'D';

Provided that the applicant fulfils all the conditions of these bye-laws and has earned the prescribed professional credit points for such category on the date of application including details of movable and immovable assets, income tax returns for the last three years and bank statement for evaluation or assessment of their credentials as and when required by the Enrolment Committee.

TABLE 'A'
CONSTRUCTOR'S CATEGORIES

Constructor's Category	Limit of Construction cost of project (million rupees)	Net worth (million rupees)	Minimum requirement of professional credit points (pcp credit)	Minimum requirement of engineers
(1)	(2)	(3)	(4)	(5)
C-A	No limit	150	200	two professional engineers with twenty years of experience each and three registered engineers having supervisory certificate.
C-B	Up to 4000	100	120	two professional engineers with fifteen years of experience each and two registered engineers having supervisory certificate.
C-1	Up to 2500	80	90	two professional engineers with ten years of experience each and one registered engineers having supervisory certificate.
C-2	Up to 1000	50	35	one professional engineer and registered engineers.
C-3	Up to 500	30	20	fifty percent registered engineers.
C-4	Up to 200	6	15	fifty percent registered engineers.
C-5	Up to 65	3	5	one registered engineer.
C-6	Up to 25	1.5	5	one registered engineer.

TABLE 'B'
OPERATOR'S CATEGORIES
Capital costs of projects and other values in this Table are based on the value of
the operator's fees

Operator's Category	Limit of capital cost of project (million rupees)	net worth (million rupees)	Minimum requirement of professional credit points (pcp credit)	Minimum requirement of engineers
(1)	(2)	(3)	(4)	(5)
O-A	No limit	150	150	Two Professional Engineers with twenty years of experience each + Three Registered Engineers having supervisory certificate.
O-B	Up to 2000	75	100	Two Professional Engineers with fifteen years of experience each + Two Registered Engineer having supervisory certificate.
O-1	Up to 1000	30	75	Two Professional Engineers with ten years of experience each + One Registered Engineer having supervisory certificate.
O-2	Up to 500	25	35	one professional engineer and registered engineers.
O-3	Up to 200	10	20	fifty percent registered engineers.
O-4	Up to 100	3	15	fifty percent registered engineers.
O-5	Up to 30	2	5	one registered engineer
O-6	Up to 20	1	5	one registered engineer

TABLE 'C'
FOREIGN CONSTRUCTOR'S CATEGORIES

Constructor's Category	Limit of Construction cost of project (million US\$)	Net Worth		Minimum number of Registered Engineers having supervisory certificate	PCPs	
		Paid-up capital (million US\$)	Financial soundness (million US\$)		Requirement for provisional licence	At the time of signing contract
(1)	(2)	(3)	(4)	(5)	(6)	(7)
FC-A	No limit	1.5	120	3	100	200
FC-B	Up to 40	1	75	2	60	120
FC-1	Up to 25	0.8	30	1	45	90

- (a) The foreign constructor shall employ minimum seventy percent Pakistani engineers and thirty percent of foreign engineers of relevant field and technical staff;
- (b) Company must qualify net worth, paid up capital or financial soundness; and
- (c) Initially provisional licence may be issued for participation in the bidding with fifty percent of required professional credit points and Registered Engineers of supervisory certificate. After award of work, standard licence may be issued with completion of professional credit points.

TABLE 'D'
FOREIGN OPERATOR'S CATEGORIES

Operator's Category	Limit of capital cost of project (million US\$)	Net worth		Minimum number of Registered Engineers having supervisory certificate	PCPs	
		Paid-up capital (million US\$)	Financial soundness (million US\$)		Requirement for provisional licence	At the time of signing contract
(1)	(2)	(3)	(4)	(5)	(6)	(7)
FO-A	No limit	1.5	120	3	100	200
FO-B	Up to 40	1	75	2	60	120
FO-1	Up to 25	0.8	30	1	45	90

- (a) The foreign operators shall employ minimum seventy percent Pakistani engineers and thirty percent of foreign engineers of relevant field and technical staff;
- (b) Company must qualify net worth, paid up capital or financial soundness; and
- (c) Initially provisional licence may be issued for participation in the bidding with fifty percent of required professional credit points and Registered Engineers of supervisory certificate. After award of work, standard licence may be issued with completion of professional credit points.

(8) Grant of licence to a licensee shall, subject to fulfillment of requirements of bye-law (9), entitle him to construct or operate a project, as the case may be, the total construction and capital cost of which does not exceed the construction and capital cost limited by category of his licence. Number of projects that the licensee can apply, tender for or operate shall be unlimited as long as construction and capital cost of each such project falls within the licensee's category.

(9) Grant of licence to a licensee shall oblige him to report to the Council if at any time he undertakes to construct or operate more than one project which results in aggregate construction and capital cost of the projects undertaken exceed the construction and capital cost of a single project permitted by the category of his licence. In his report the licensee shall also give the details of actions taken by him to fulfill the requirements of clause (4) of bye-law 5.

(10) Two or more licensees can apply jointly to construct or operate a project of a category higher than the category of their individual licences provided that the cost of such project does not exceed the sum total of the limit of costs of projects permitted by the categories of the individual licensees. No separate licence for such

joint venture shall be required under these bye-laws provided that the joint venture fulfills all other requirements of these bye-laws concerning such a project.

5. Computation of professional credit points. – (1) Five professional credit points shall be earned by each registered engineer and ten professional credit points by professional engineer, one professional credit point shall be allowed for each year of experience to registered professional engineers engaged in the construction and operation of engineering works from the date of passing B.Sc Engineering or B.E. degree subject to minimum of five professional credit points to registered engineer and ten professional credit points to professional engineer and maximum of thirty professional credit points. However, professional credit points beyond sixty years of age be reduced at following scale, namely:-

- | | | | | | | |
|-------|----------------|----|----|----|----|-------------|
| (i) | 65 – 75 years | .. | .. | .. | .. | 1 pcp/year; |
| (ii) | 75 – 80 years | .. | .. | .. | .. | 2 pcp/year; |
| (iii) | above 80 years | .. | .. | .. | .. | 5 pcp/year. |

(2) Those applicants/licensees who have in their permanent employment professional engineers registered with PEC other than partners and shareholders having more than 15 percent share, who have continuity of service in the applicant's organisation of more than 10 years will be entitled to bonus professional credit points as follows:-

For every professional engineer employed without break for Bonus pcp credit.

10–14 years	..	..	..	2
15–19 years	..	..	..	4
20–24 years	..	..	..	8
25 years and over	..	..	..	12

(2A) Extra points for postgraduate engineers and those who have paid membership fee for life shall also be allowed as under:-

- | | | | | | |
|------------------------|----|----|----|----|-----------|
| (a) MS/ME | .. | .. | .. | .. | 2 points. |
| (b) Ph.D./D.E. | .. | .. | .. | .. | 4 points. |
| (c) Fee paid for life. | .. | .. | .. | .. | 1 point. |

(3) Applicants having professional engineers as their owners, partners or shareholders shall be entitled to extra bonus professional credit points as follows:

<i>Equity of professional engineers</i>	<i>Extra bonus pcp credit</i>			
10–19%	05
20–49%	10
50–74%	15
75% and over	20

Provided that extra bonus professional credit points shall not exceed the pcp earned for the year of experience as per clause (1).

(4) Regardless of the category, the licence granted by the Council obliges every licensee to maintain such professional engineering strength to manage the projects at hand that he has at all times a pcp credit of:-

- (i) in the case of constructor, one point for every twenty million rupees construction cost of projects in hand at any time, or the minimum requirement of pcp credit prescribed for the category of his licence, whichever is more; and
- (ii) in the case of an operator, one point for every twenty million rupees cost of projects in hand at any time or the minimum requirement of pcp credit prescribed for the category of his licence, whichever is more.

(5) For computation of pcp credit as per bye-law 5(4) above, the aggregate professional experience in terms of full years of all professional engineers employed by the licensee on full time basis shall be counted as professional credit points to the credit of the licensee at the time. Part timers shall be omitted from the computation. For the purpose of computing the construction and capital cost of projects, the total costs of all the projects in the hands of the licensee shall be added. These costs shall be based on signed construction contracts, proposals, tenders or estimates. The licensee shall ensure that the actual professional credit points including bonus and extra bonus points at any time in his organisation shall not be lower by more than 20 percent for a period not exceeding twelve weeks at any one time.

(6) Licences may be granted under these bye-laws once every financial year and shall be valid up to the thirtieth June of the next year. A licensee may apply for upgrading the category of his licence any time after fulfilling the requirements of these byelaws and payment of the prescribed fee.

6. Code of ethics.— (1) Every constructor shall uphold the honour and dignity of the construction profession, and shall be fair and honest in his business dealings. His practices and activities shall be guided by the principles of justice and equity.

(2) A constructor shall refrain from acting maliciously or recklessly in an attempt to injure the professional reputation, prospects or business of other constructors, directly or indirectly.

(3) A constructor shall provide quality service and be faithful in the performance of the undertaking.

(4) No constructor shall attempt to supplant a fellow constructor who is in the employ of the client or employer or to prevent a constructor from undertaking that which the, client or employer has engaged him to do.

(5) A constructor shall hold himself dedicated to the proposition that the construction profession shall be rid of individual whose reputation, conduct and practices are inimical to the profession.

(5a) A constructor shall promote and ensure the optimum utilization of human and material resources of Pakistan for achieving self-reliance and promote indigenous materials and equipment.

(5b) A constructor shall advise his client or employer honestly about the technical and financial viability of project entrusted to him.

(5c) A constructor shall ensure the safety of men and materials associated with the work.

(5d) A constructor shall undertake engineering assignments only when he possesses adequate equipment and experienced staff.

(5e) A constructor shall not disclose confidential information concerning national security and technical details of the project to any unauthorized person or entity.

(5f) A constructor shall report unethical professional practices of an engineer employed by him or the public sector, to the Pakistan Engineering Council; and

(6) Clauses (1) to (5f) shall equally apply to an operator and the operation of projects.

7. Selection and tendering process.—(1) All construction and management and supervision of operations of engineering works shall be entrusted only to the constructors or operators as the case may be licensed as such by the Council.

(2) Foreign constructor or operator may be eligible to work with Pakistani constructor or operator, even if the technology is available in Pakistan. The Council may issue licence to foreign constructor or operator on yearly basis which may be renewed after its expiry. Foreign firm shall not be eligible to participate in bidding individually. Foreign firm shall enter into joint venture with Pakistani firm registered with the Council in equivalent/compatible category and submit the same to the employer before participating in bidding.

(3) The client or employer shall adopt an equitable method of selection of a constructor or operator for a particular project and will ensure that the following basic requirements are met namely:-

- (a) An engineering work falling under a certain category must be entrusted only to those constructors or operators who are licensed by the Council in accordance with these bye-laws, either in the same category or in a higher category.
- (b) A uniform system of credit points for the purpose of evaluation of the applicant's capabilities in the respect of vital elements of applicant's organisation and capacity to perform shall be established before tenders or proposals are called from prospective bidders. The various vital elements to be covered are:
 - (i) net worth of the applicant as on the date of application.
 - (ii) current ability to obtain finances and bonds (i.e. total ability less existing commitments).
 - (iii) current availability of applicant's construction equipment or tools required for the project (total equipment and tools owned as well

as equipment irrevocably committed to be leased to the applicant on demand less current commitment and the period of their commitment).

- (iv) professional experience of construction or operation of the type of proposed project, including professional personnel of required experience in full time employment of the applicant less the personnel committed on projects in hand.
 - (v) previous performances of the applicant on other projects and similar projects.
 - (vi) current licence issued by the Council; and
 - (vii) any other relevant factors.
- (c) A provision is made in the proposed contract with the constructor or operator for the settlement of any difference by arbitration under the Arbitration Act 1940, before recourse to any other legal action.
 - (d) Selection is done through open and fair competition and no preference is given to any contractor or operator for reason of his being in the public or private sector.

(4) Two or more constructors or operators partially or wholly owned or directed by common individuals, regardless of the extent of their shares or interest shall not be eligible to bid or compete for the same project. Only one such constructor or operator shall be eligible to bid for a project. However, such constructors or operators may form a joint venture to bid as one venture.

(5) For award and execution of an engineering work the relevant standard form of bidding or tender document prepared by the Pakistan Engineering Council shall be adopted.

7A. Inspection of works.— (1) On receipt of the information regarding completion of a contract, the Council may designate an appropriate inspection team comprising three professional engineers with not less than ten years standing to ascertain the technical and managerial aspects of the contract, during the implementation phase and for maintenance period of the engineering work or operation.

(2) The inspection team shall submit a report to the Council regarding performance of the contractor, constructor, consultant and the management with regard to the work or operation within one month of date of inspection. However, the Council may take any action against the defaulter or wrong doer in accordance with the Act and bye-laws made thereunder.

(3) A person who obstructs, avoid or abets in obstructing the functioning of inspection team shall be considered to abet in the violation of these bye-laws and the Act.

8. Applications, renewals, fees and penalties.— (1) For initial registration change in category, and annual renewals, "up to three years on payment of prescribed fee, if desired by the applicants" the applicant for the constructor's or operator's

licence shall submit application to the Council in the form prescribed in Appendix-A. The application for renewal be submitted to the Council after the 5th day of May of the year based on the constructor's or operator's status as on the date of submission of application. However, if required, the applicant shall pay a late payment fee at the rate specified in clause (3). The Council, after scrutinizing the application and obtaining any further information or clarifications from the applicant as it may deem necessary, may issue or renew the licence for the following year or refuse the same if the information supplied by the applicant, in the opinion of the Council, does not meet the requirements for grant or renewal of licence under these bye-laws. A new application may be scrutinized by the Council within 30 days of receipt and the applicant will be informed of any shortcomings or discrepancies of the documents submitted by him. Licence shall be issued or refused within 30 days of receipt of supplementary information from the applicant. In the event of no response from the applicant within 30 days the application will stand automatically rejected.

(2) A licensee shall inform the Council of any events taking place after grant of a licence to him or renewal thereof, which render him ineligible for continuation of licence in accordance with these bye-laws. On receipt of such information the Council may decide to reduce the category of licence or suspend or cancel the licence as it may deem fit.

(3) The fee for a licence, change of category of licence, or renewal of licence, accompanied with the application, shall be as categorized in the Table below.

TABLE		
Category	Pakistani applicant (Rupees)	Foreign applicant (US \$)
(1)	(2)	(3)
C-A/FC-A O-A/FO-A	400,000	24,000
C-B/FC-B O-B/FO-B	250,000	12,000
C-1/FC-1 O-1/FO-1	150,000	10,000
C-2/O-2	125,000	N.A.
C-3/O-3	75,000	N.A.
C-4/O-4	45,000	N.A.
C-5/O-5	30,000	N.A.
C-6/O-6	15,000	N.A.

(3A) The following fee criteria shall be observed for upgradation of category of licence, besides fulfillment of requirements of these bye-laws, namely:–

- | | |
|------------------|--------------------------------------|
| (a) one step up | fee of desired category; |
| (b) two steps up | two times of desired categories; and |

(c) three steps up and onward three times of desired category.

(4) No consideration shall be given to any application unless the licence fee is paid with the application. The above fee is inclusive of scrutiny fee of half the amount. In the event of rejection of application, half of application fee will be refunded.

(5) Any infringement of these bye-laws by a licensee shall render him liable to punitive action by the Council as it may deem fit. Such action may amount to suspension for a specific period or cancellation of licence altogether.

(6) Submission of information to the Council by an applicant for licence or by a licensee which is found to be false or intentionally misrepresented shall be considered as misconduct and such applicant or licensee and/or the person representing such applicant or licensee shall be liable to be punished in accordance with the provisions of the Act.

(7) Any person/firm who constructs or operates an engineering work in Pakistan without any valid licence of specified category from the Council shall, besides being liable to pay to the Council a sum computed in accordance with clause(8) of this bye-law, be liable to be punished in accordance with the provisions of the Act.

(8) If it is discovered by the Council that at any time the actual professional credit points to the credit of a person/firm constructing operating projects, fall short of the requirements of pcp credit, then such defaulting person/firm shall be liable to pay to the Council a sum of Rs. 250 per day for every one professional credit point short of the specified pcp credit. This sum shall be payable by such defaulting person/firm for the entire period the pcp credit of such person/firm remains short of the specified requirements. This liability of the defaulting persons/firm shall be a debt payable by such person/firm to the Council and shall be recoverable as such, regardless of whether or not the Council takes any punitive action against the person for the offence of infringement of bye-laws or the Act.

(9) If at any time it is brought to the notice of the Council that any person/firm is infringing upon or is helping in the infringement of these bye-laws, the Council, before taking any action against the person/firm in accordance with the provisions of these bye-laws and the Act, may appoint an investigator or investigators being professional engineers, of not less than 10 years standing to investigate the matter by physically inspecting any record or by any other means and to report to the Council facts of the case. Any person who obstructs such investigation by an investigator appointed by the Council as aforesaid, shall be considered to abet or help in the infringement of these bye-laws and the Act.

(10) In the case of violation of any provision of these bye-laws or providing wrong information the Council shall have the power to cancel the licence granted by it.

(11) Any department or organization black listing any constructor or operator shall inform the Council indicating reasons or grounds for such blacklisting.

(12) The consulting engineer and where the consulting engineer is not appointed, the engineer incharge shall monitor the number of professional engineers

employed by the constructor as per the relevant bye-laws made by the Council and inform the Council accordingly.

9. Application of Building Code of Pakistan (Seismic Provisions-2007).—

(1) The provisions of the Building code of Pakistan (Seismic Provisions-2007) shall apply for engineering design of buildings, building like structures and related components.

(2) Construction of buildings in violation of the Building Code shall be considered as violation of professional engineering work as specified under clause (xxv) of section 2 of the Act.

(3) The provisions of the Building Code shall be revised by the Pakistan Engineering Council after every five years or earlier if so required by circumstances.

10. Application of Pakistan Electric and Telecommunication Safety Code-2014 (PETSAC-2014).—

(1) The provisions of Pakistan Electric and Telecommunication Safety Code-2014 provide rules for safe practices in design, installation, operation and maintenance of electric supply and telecommunication systems that shall be adopted by electrical power and telecommunication utilities, both public and private. The PETSAC-2014 shall neither be considered as a design document, nor an instruction manual, and shall not preclude relevant design specifications and standards. This code shall be effective after six months of publication of this notification.

(2) All relevant regulators shall ensure compliance and implementations of this code.

(3) All utility companies and other stakeholders defined in clause (a) of sub-bylaw 5 shall comply with this code by adopting or amending their relevant byelaws or rules for implementation.

(4) The scope of provisions of Pakistan Electric and Telecommunication Safety Code-2014 shall, —

(a) be applicable to —

- (i) the electric supply and telecommunication facilities, associated works and practices employed by an electrical or telecommunication utility, both public and private;
- (ii) facilities and functions of utilities on the line-side of the service point, located on public or private property, in accordance with legally established easements or right of way, or as authorized by regulating or controlling body;
- (iii) utility facilities installed, maintained and controlled by utility companies on the surface of underground mine sites, including overhead and underground distributions system providing service upto buildings or outdoor equipment location on the line side of the service point;
- (iv) the transmission and distribution of electricity and telecommunications signals (voice, video and data) through public

and private utility systems that are installed and maintained under the exclusive control of utilities or their authorized representatives;

- (v) street and area lights where these facilities are supplied by underground or overhead conductors installed or maintained under the exclusive control of utilities or their representatives; and
- (vi) working environment for people who are employed on the aforementioned jobs; and

(b) not applicable to —

- (i) customer premises equipment and wiring, located beyond utility service points (meters) to buildings or outdoor installations;
- (ii) industrial complex or utility interactive systems that are not controlled by the utilities;
- (iii) street and area lights not installed or maintained by utility; and
- (iv) underground mine wiring or installation in ships, railway rolling equipment, aircraft, or automotive equipment.

(5) General. —

- (a) The utilities, consultants, authorized contractors, or other entities performing design, construction, operation, or maintenance tasks for electric supply or telecommunication lines, or equipment covered by this code, shall be responsible for meeting applicable requirements.
- (b) For all particulars not specified in this code, installation, operation and maintenance should be done in accordance with accepted good practice for given local conditions, known at the time for construction or maintenance of telecommunication, supply lines and equipment.

(6) The provisions of this code shall also be applicable to new and modified installations except that —

- (a) these may be waived or modified by the administrative authority. When so waived or modified, safety shall be provided in other ways; and
- (b) where an existing installation meets, or is altered to meet this code, such installation is considered to be in compliance.

(7) Waivers and limitations.—

- (a) In case of emergency installations, the clearance required and burial depth may be adjusted as per the provisions of this code.
- (b) In case of any conflict, relevant provisions of safety, health, labor or environmental codes shall prevail.
- (c) This code only specifies benchmarks that need to be accomplished for safety, and does not specify how to accomplish these.

(8) Supplementary information.—

- (a) This code shall be reviewed and updated after two years of its implementation and thereafter every five years or earlier on the basis of data and feedback received from the concerned regulators, by the committee as constituted by Pakistan Engineering Council.
- (b) The utility companies shall provide to concerned regulators all necessary information to ensure compliance of this code.

11. Application of Building Code of Pakistan-Fire Safety Provisions-2016.— (1) The Building Code of Pakistan-Fire Safety Provisions-2016 provide rules for fire prevention, life safety in relation to fire and fire protection of building and structures as prescribed. Building Code of Pakistan-Fire Safety Provisions-2016 shall be adopted by the federal and provincial governments, organizations, authorities, both public and private, as notified.

(2) Construction and modification of buildings in violation of Building Code of Pakistan (Fire Safety provisions-2016) shall be considered as violation of professional engineering works as specified under clause (xxv) of section 2 of the Act.

(3) The implementation and enforcement of this Bye-laws shall vest with the Authority Having Jurisdiction (AHJ) within their respective jurisdiction and circles as follow:

- (1) Building Control, Housing and Development Authorities
- (2) District Administration
- (3) Tehsil or Town Administration
- (4) Municipal Administration
- (5) Station Headquarters (Army, Air Force and Navy)
- (6) Cantonment Administration
- (7) Union Council Administration
- (8) Autonomous Bodies
- (9) Industrial Estates
- (10) Directorates of Civil Defence
- (11) Export Processing Zones
- (12) Other Federal/Provincial Authorities as and when notified

(4) This Bye-law shall come into force upon being notified and all the concerned AHJs shall implement the same immediately in prescribed manner.

(5) All relevant AHJs shall ensure compliance and implementations of this Code and accordingly adopt or amend their relevant regulations, Bye-laws or rules as the need be.

(6) This Bye-law shall apply to both new and existing buildings.

- (a) buildings permitted for construction after the adoption of these provisions shall comply with the provisions stated herein for new buildings forthwith;

6- Engineer Owner/Shareholder: Yes No
(Tick the appropriate box)

7- Country of origin:

Pakistani	Foreign	Name of Country

8- Type of ownership:
(Tick One Only)

8.1	Individual	8.2	Sole Proprietor
8.3	Partnership	8.4	Private Limited Company
8.5	Public Limited company	8.6	SMC (Pvt) Ltd Company
8.7	Statutory Body		

9- PARTICULARS OF DIRECTORS/PARTNERS/SHAREHOLDERS/OWNER:

Name	Designation	PEC Reg # If any	CNIC No or Passport No (In case of foreign national)	Cell No	Address

(Add separate sheet if required)

10- NET WORTH/FINANCIAL SOUNDNESS (Certificate from scheduled bank):

FOR CATEGORY (C-3 TO C-A) ONLY

10.1- Net Worth of the company / partnership Rs: _____

10.2- Financial soundness of firm as on date of application Rs: _____

11- PROFESSIONAL CREDIT POINTS (PCP):

Sr. #	Names of Registered/ Professional Engineers	PEC Registration No	Length of Experience	Partner or Director, holding 15% share or more	Duration of full-time employment	Professional Credit Points
1						
2						
3						
4						

5						
---	--	--	--	--	--	--

(Add separate sheet if required)

11.1 Bonus PCP credit {Bye-law 5(2)}: _____

11.2 Extra Bonus PCP credit {Bye-law 5(3)}: _____

11.3 Total PCP credit: _____

RECOMMENDATION OF PEC REGISTRATION DEPARTMENT

- a. Assistant Registrar: The information/documents provided in summary sheet were checked and found correct or except following documents have been sent for verification (letters attached).

- b. Deputy Registrar: The case was properly scrutinized, the case was found correct, may be processed for.

- c. Additional Registrar: Recommended _____

Decision of Enrolment Committee: _____

12- Desired Fields of specialization:
(supported by work orders or experience of relevant engineer)
(Add pages if required)

13- OTHER INFORMATION: (Attach sheets)

- 13.1 List of major projects completed (Page __)
- 13.2 List of works in progress (Page __)
- 13.3 Machinery/equipment/plant available with present condition (Page __)
- 13.4 List and qualification of technical staff (other than engineers) (Page __)
- 13.5 Management structure/organization chart (Page __)

14- UNDERTAKING:

I undertake that;

- (a) The information given above and documents/papers attached herewith are correct and accurate to the best of my knowledge and belief and nothing has been concealed.

- (b) I will abide by the provisions of PEC Act 1976 and Construction and Operation of Engineering Works Bye-laws,1987.
- (c) I shall be responsible if any information, document or paper submitted by me is found incorrect or forged.
- (d) I will inform the Council if any of above mentioned engineer(s) leaves the firm.
- (e) I will inform the Council about any event taking place after grant of licence, which render my/our firm ineligible for continuation of licence, reduction in the category, suspension or cancellation of the licence as per bye-law 8(2).

PENALTIES VIZ-À-VIZ THE NATURE OF MISCONDUCT

Besides provisions stated in the PEC Construction and Operation of Engineering Works Bye-laws 1987, following penalties will be imposed.

Sr. No.	Nature of misconduct	Penalty to be imposed
a.	In case, a firm obtained and executed work(s): <ul style="list-style-type: none"> a. without having PEC licence of appropriate category; b. without having valid PEC licence; c. Beyond the limit of its licence; d. Without employment of engineers and completion of PCPs. 	A fine amounting to three times of the fee for the category applied for new registration.
b.	In case a firm submits an incorrect/ fake affidavit of engineer to PEC.	The firm will be suspended and given opportunity of personal hearing to defend his status/position and as a consequence will be either de-registered for six(6) months to maximum three (3) years/issued warning/restored the suspension as decided by Enrolment Committee.
c.	In case a firm submits fake/tampered PEC licence to a client/PEC.	
d.	In case a firm submits fake/forged/ incorrect work order(s) or performance certificate/report to PEC.	In addition to above, if Enrolment Committee considers FIR may also be lodged against the owner/firm.
e.	Any other misconduct.	As decided by the Central Enrolment Committee, on case to case basis under the provisions of PEC Act and bye-laws.

2. Please write the name of your firm or company by which name you would like it to be called and registered. Please indicate whether you are a Pakistani firm or a foreign firm by striking out inapplicable.
3. Please give addresses of all your main offices and permanent branches as on the date of application.
4. For initial registration, the applicant for the constructor's or operator's licence shall submit application to the Council in the prescribed form. The application for renewal shall be submitted to the Council by the 5th day of May of the year based on the constructor's or operator's status as on the 30th day of April of the same year. The licence shall stand expired on 30th day of June of next year.
5. A licensee shall inform the Council of any events taking place after grant of a licence to him or renewal thereof, which render him ineligible for continuation of licence in accordance with the clauses of aforesaid bye-laws. On receipt of such information, the Council may decide to reduce the category of licence or suspend or cancel the licence as it may deem fit.
6. The annual application fee for a licence, change of category of licence, or renewal of licence is as follows, which should accompany the application:-

Category	Pakistani applicant (Rupees)	Foreign applicant (US \$)
(1)	(2)	(3)
C-A/FC-A O-A/FO-A	400,000	24,000
C-B/FC-B O-B/FO-B	250,000	12,000
C-1/FC-1 O-1/FO-1	150,000	10,000
C-2/O-2	125,000	N.A.
C-3/O-3	75,000	N.A.
C-4/O-4	45,000	N.A.
C-5/O-5	30,000	N.A.
C-6/O-6	15,000	N.A.

Note:- If a firm could not get its registration renewed, the firm will be renewed after payment of outstanding fee of entire defaulting period plus surcharge of 5% of defaulting fee amount, or prescribed from time to time.

7. If a firm intends new registration directly in C-3/O-3 category or above, fee of three times of the desired category shall be charged.

REGISTRATION CATEGORIES, CODE AND SPECIALIZATION OF CONSTRUCTOR/ OPERATORS

CATEGORY	CODE	SPECIALIZATION	DESCRIPTION
CIVIL ENGINEERING CONSTRUCTION	CE01	Road and Pavements Drainage & Retaining Structure	Construction of road and road reinstatement, pavement, bus bays, open car parks and related works

(CE)		Signcraft Installation	such as kerbs, footways. Installation of an integrated sign posting system for complexes, airports, shopping centres, etc. Also includes setting up of exhibition stands and road signs. Airports Taxiways, runways, aprons, aircraft parking bays, baggage handling system, track transit system, etc.
	CE02	Bridge Structures Piling	Construction of concrete, masonry, timber or steel bridges. Installation of all types of piling sheet piles, driven precast reinforced and prestressed concrete piles, bored cast in situ piles and timber piles etc.
	CE03	Marine Structures Dredging Underwater Works	Construction of marine structure such as jetties, ports, wharves, harbours, sea and river walls offshore construction works etc. Underwater construction works and maintenance of underwater construction works.
	CE04	Dams/Water Retaining Structures Irrigation & Flood Control Systems	Construction of water retaining structure such as dams, reservoirs, aqueducts, treatment plants, pipe laying works etc. Earth work/dredging in canal, river and offshore.
	CE05	Offshore Works	Offshore construction works including related works.
	CE06	Tunneling and underpinning	Tunneling and underpinning works.
	CE07	Railways Tracks	Installation of railway tracks, distressing of rails and tracks.
	CE08	Oil and Gas Pipe Lines	Installation, maintenance and repair of oil and gas pipelines.
	CE09	Sewerage Works Water Supply	Sewerage pipelines, disposal works, sewerage treatment works and allied works. Installation, maintenance and repair of water supply pipelines, pumping stations, tube wells, water treatment works etc.
		CE10	General Civil Engineering Works Concrete Repairs Soil Investigation and	General civil engineering works, including earthworks, sub-soil drainage, etc. Reinforcement of structures by way of pressure grouting, guniting, etc.

		<p>Stabilization</p> <p>Landscaping & Horticulture</p> <p>Reclamation Works and Waterproofing</p> <p>General Buildings and Maintenance</p>	<p>Services include sampling, investigation and testing services to determine soil classifications, strength and composition. Also includes soil stabilization works such as micro piling, ground anchoring, sand drains and ground grouting.</p> <p>Provision of Landscaping services including tree planting, turfing, horticulture etc.</p> <p>Reclamation works. Water proofing of basement, roofs and walls.</p> <p>All types of repair/maintenance of civil engineering works. Construction related civil engineering works including allied electrical and mechanical works. Asphalt Road, P.C.C streets, pavements including culverts.</p>
	BC01	Prefabricated Buildings and Steel Framed Buildings and Industrial Plants	<p>Construction of buildings and industrial plants using prefabricated components and systems. Construction of steel framed buildings and industrial plants.</p> <p>Airports Terminal buildings, Satellite buildings, cargo terminals, air traffic control towers, contact piers, passenger loading bridges.</p>
	BC02	Restoration and Conservation	Building restoration and conservation.
	BC03	High Rise Buildings	
MECHANICAL ENGINEERING (ME)	ME01	HVAC	Installation, Commissioning maintenance and repairs of air conditioning, refrigeration, cold rooms and ventilation system.
	ME02	Fire Prevention and Protection System	Installation and maintenance of fire alarms, prevention and protection systems.
	ME03	<p>Lifts and Escalators</p> <p>Compressor Generators</p>	<p>Installation, commissioning and maintenance of lifts, escalators, travellers and conveyor systems</p> <p>Installation, maintenance and repair of centrifugal compressor, reciprocating compressor, air compressor, skid, rotary compressor, pipeline valves, blowers, liquid ring compressor, gas turbine generator, steam generator, diesel generator, solar photometric,</p>

			water turbine generator and hybrid system.
	ME04	Building Automation System	Building automation, industrial and process control systems, include installation and maintenance of microprocessors or computer based building control systems and industrial process control systems.
	ME05	Workshop, Mill, Quarry System	Installation, commissioning and maintenance of workshop, mill and quarry systems such as cranes, hoist, crushing and screening plant, asphalt mixing plant, etc.
	ME06	Specialized Fabrication and Treatment Medical Equipment Kitchen and Laundry Equipment Heat Recovery System Pollution Control System Miscellaneous Mechanical Equipment Chiller for Power Generation	<p>Erection, maintenance and repair of exhaust stocks, tanks, reactors, separators, filters, scrubbers, dehydrators, evaporators, pipings, furnaces, grit blasting and painting, hot and cold insulation, flare system, bearing and welding.</p> <p>Installation, commissioning and maintenance of medical equipment such as:</p> <ul style="list-style-type: none"> - Compressed air systems - Hot water installation - Sterilizer and autoclave - Medical gas installation - Hydrotherapy system - Dental chair - Mortuary refrigerator etc. <p>Installation, commissioning and maintenance of cooking and kitchen equipment, laundry equipment, etc.</p> <p>Installation, commissioning maintenance and repair of boiler plant, heat exchangers, absorption chillers, unfired pressure vessels and hot water systems, etc.</p> <p>Landfill technology, incinerator, oil separators.</p> <p>Installation, testing commission, maintenance and repair of mechanical based systems such as pumping installation, sewerage treatment plant installation, water treatment plant installation, rotary pumps, reciprocating pumps, centrifugal pumps and special purpose pumps, etc.</p>

		Specialized Plant	<p>Installation, maintenance and repair of gas turbine driven chiller, steam turbine driven chiller and centrifugal chiller.</p> <p>Erection, maintenance and repair of compressor station, metering station, onshore terminal station, co-generation plant, gas processing plant, petrochemical plant, oil refinery, aviation re-fuelling and de-fuelling system, petrol station, heating ventilation and air-conditioning.</p>
ELECTRICAL ENGINEERING (EE)	EE01	Sound System	Public address system, audiovisual system, conference system, intercom system and MAT.
	EE02	Security, Safety Surveillance System	Installation and maintenance of security, safety and surveillance systems (security, alarm, car park security control and card access control systems. CCTV, sensor/detection system, vibration monitoring system, gas protection system, platform alarm system, aircraft warning system, fire protection system and earthing and lighting protection.
	EE03	Building Automation System and Energy Generation System	Building Automation, industrial and process control system, included installation and maintenance of microprocessors or computer based building control systems and industrial process control systems, includes installation and maintenance of energy generation systems
	EE04	Low Voltage Installation	General wiring and control system wiring works not exceeding 1 KV. Installation and maintenance of low tension overhead lines and underground cabling not exceeding 1KV. Also includes installation and maintenance of generating plant and equipment not exceeding 1 KV.
	EE05	High Voltage Installation	Installation and maintenance of high voltage equipment and underground cabling, high-tension overhead line including transmission tower exceeding 1kV. Also includes installation and maintenance of generator plant and equipment exceeding 1KV.
	EE06	Specialized Lighting	Installation and maintenance of

		System	street lighting, stadium floodlighting, traffic lighting, airfield lighting, high mast lighting installation, laser system, stage lighting, special effect lighting, navigational aid, underwater lighting, platform lighting, petrochemical plant lighting, oil refinery plant lighting, etc.
ELECTRONICS ENGINEERING	EE07	Telecommunication Installation	Telephone cabling and internal ducting, radio based communication system, PABX, microwave system, multiplex and signaling troposcatter system, satellite system, radar surveillance system, data communication equipment, remote subscriber system, vessels and navigational specialized system, etc.
	EE08	External Telecommunication Works	Telecommunication cabling (underground/ overhead), manholes, underground ducting/pipes.
	EE09	IT & Software Engg	
	EE10	Miscellaneous Specialized	Installation, commissioning and maintenance of surgical/operating theater table and lights, radiography equipment, radiotherapy equipment, nurse call system, electronic scoreboard, uninterruptible power supply (UPS) system, etc.
		Any other works*	Any work not covered in above categorization and description relevant to any engineering discipline.

*Provide herein code(s) (CE11, BC04, ME07, EE11) as applicable and define work.

*Note: Following codes will be awarded to firms, registered with PEC in C-6/O-6 category OR C-5/O-5 having relevant engineers or enter into agreement with supervisory certificate holder engineers:-

(a). Code C-6 (11)

All types of repair/maintenance of civil engineering works.
Construction related civil engineering works including allied electrical and mechanical works.
Water supply, sanitary, drainage, sewerage and plumbing works.
Street Road, P.C.C streets, pavements including culverts.

(b). Code O-6 (11)

All types of operational works.
Toll collection, operational and management works.
Mobile engineering workshop

(c).Code C-5 (11)

All types of repair/maintenance of civil engineering works.
Construction related civil engineering works including allied electrical and mechanical works.

Water supply, sanitary, drainage, sewerage and plumbing works.

Asphalt Road, P.C.C streets, pavements including culverts.

(d). Code O-5 (11)

All types of operational works.

Toll collection, operational and management works.

Mobile engineering workshop

(e). CE10 Addition

General Buildings and Maintenance

All types of repair/maintenance of civil engineering works.

Construction related civil engineering works including allied electrical and mechanical works.

Asphalt Road, P.C.C streets, pavements including culverts.

Form-I

UNDERTAKING BY ENGINEER OWNER/SHAREHOLDER/PARTNER
(The affidavit shall be furnished on stamp paper valued Rs. 100/-, issued in the name of undersigned and duly notarized with Notary Public)

I, Engr. _____ bearing PEC Regn No. _____ am

- (a) Sole proprietor OR
(b) Partner with _____ % share (s) OR
(c) Shareholder with _____ % share (s) of the firm M/s. _____
to be registered with PEC as Constructor /Operator in category C/O. _____.

Signature: _____

Name of Engr _____

CNIC No: _____

PEC Reg. # _____

Contact No _____

Date: _____

Form – II

AFFIDAVIT

(The affidavit shall be furnished on stamp paper valued Rs. 100/-, issued in the name of undersigned and duly notarized with Notary Public)

- I, _____ an owner / shareholder / partner/ director of firm / company namely M/s. _____ registered as engineering firm with PEC in category C- ____/ _____, and valid up to 30th June, _____.
- I solemnly affirm and declare that following work orders along with their performance certificates / reports are being submitted by the undersigned to PEC for up-gradation from category C-____ to C-_____.

S.#	Work Order Reference No. with Date	Subject of work order	Awarded by	Value of Work awarded (Rs. in Million)
(a)				
(b)				
(c)				
(d)				

3. I further undertake that;

- (a) The information and document(s) / paper(s) mentioned above, submitted by the undersigned, are correct and genuine to the best of my knowledge and belief and nothing has been concealed.
- (b) I shall be responsible, if any information, document or paper submitted by me is found incorrect, tampered, forged or fake. The Council can cancel my licences without issuing any show cause notice besides initiating legal action.
- (c) I shall abide by the provisions of PEC Act 1976 and Construction & Operation of Engineering Works Bye-Laws 1987.

Company/Firm's Seal

Signature: _____

Name: _____

Contact No: _____

Date: _____

CNIC No. - -

(Owner/Shareholder Partner)

Witness:- _____

Form – III

UNDERTAKING FROM CEO/CHAIRMAN/MANAGING PARTNER OR DIRECTOR

(The affidavit shall be furnished on stamp paper valued Rs. 100/-, issued in the name of undersigned and duly notarized with Notary Public)

I, Mr. _____ S/o _____ adult resident of _____ do hereby solemnly affirm on oath as under:-

- (a) That I am CEO / Chairman / Managing Partner or Director of the firm "M/s. _____".
- (b) That the name of my firm is not struck off or black-listed from any department.
- (c) That there is no litigation in the court or any other department (i.e. Public / Private) against the firm.
- (d) That I, on behalf of my firm, shall always abide by the rules and regulations of Pakistan Engineering Council.

- (e) That the contents of the above mentioned affidavit are true to the best of my knowledge, belief and information and nothing has been concealed by me.

DEPONENT

Signature: _____
 Name _____
 CNIC No: _____
 Dated: _____

Form - IV

PERFORMANCE CERTIFICATE
 (For each major work during last three years)

NAME OF FIRM: _____

PEC REG. NO. _____ NTN NO. _____

NAME OF EMPLOYER: _____

NAME OF PROJECT: _____

NAME OF CONSULSTANT (IF EMPLOYED): _____

STARTING DATE: _____

CONTRACT NO. _____ DATE _____ CONTRACT VALUE (RS.) _____

ORIGINAL COMPLETION DATE: _____

ACTUAL COMPLETION & AMOUNT: _____

ORIGINAL CONTRACT VALUE: _____

VALUE OF WORK DONE UPTO FINAL BILL: _____

PERCENTAGE OF WORK DONE WITH DATE: _____

QUALITY OF WORK EXECUTED AND REMARKS BY EMPLOYER: _____

To be filled by contractor
 Name of Owner/Share holder: _____
 Mobile No: _____
 Signature: _____
 Date: _____

To be filled by employer
 Name & designation of employer: _____
 Fax No: _____
 Mobile No: _____
 Date: _____

Company seal/stamp	Official seal/stamp
--------------------	---------------------

Form - VPERFORMANCE CERTIFICATE

(For each major work in hand)

NAME OF EMPLOYER: _____

NAME OF PROJECT: _____

NAME OF CONSULTANT (IF EMPLOYED): _____

STARTING DATE: _____

ORIGINAL COMPLETION DATE: _____

ACTUAL COMPLETION DATE: _____

DELAY PERIOD: _____

LIQUIDATED DAMAGES: _____

ORIGINAL CONTRACT VALUE: _____

VALUE OF WORK DONE UPTO FINAL BILL: _____

PERCENTAGE OF WORK DONE WITH DATE:

ENGINEERS EMPLOYED DURING THE EXECUTION OF THE WORK:

Sr. #	Name of Engineer	Date of Birth	PEC Reg. No.	Date of Reg	Renewed upto	Employed From	Employed To
1							
2							
3							
4							

QUALITY OF WORK EXECUTED AND REMARKS BY EMPLOYER:

To be filled by contractor

Name of Owner/Share holder: _____

Mobile No: _____

Signature: _____

Date: _____

Company seal/stamp

To be filled by employer

Name & designation of employer: _____

Fax No: _____

Mobile No: _____

Date: _____

Official seal/stamp

APPENDIX – ‘AI’
[see bye-law 2(aa)]**PAKISTAN ENGINEERING COUNCIL**Ataturk Avenue (East), Sector G-5/2, Islamabad
UAN: 111-111-732 Fax: 051-2780346
E-mail: info@pec.org.pk URL: http://www.pec.org.pk

FOR OFFICE USE ONLY

Application _____
Tracking No. _____
Receiving Date _____**APPLICATION FOR RENEWAL OF REGISTRATION AS CONSTRUCTOR/OPERATOR**
*(To be filled in Capital Letter)*1- Name of the Firm: _____ 2- NTN:

3- Name of CEO: _____

4- Mailing Address: _____

Engr. Owner/Shareholder: YES NO Courier service availability: YES NO
(Tick the appropriate box)(Tick the appropriate box)

Mob: _____ Tele: _____ Fax: _____ E-mail: _____

5- Type of Ownership Individual Sole-Proprietorship Partnership
 Private Ltd Co. Public Ltd Co SMC (Pvt) Ltd Co Statutory Body
 Others _____ (Tick the appropriate box)

Any Change, be described (Supported by legal documents) _____

6- Detail of Engineers employed by the firm

Sr. #	Name of Engineer	PEC Reg. No.	Renewed up to	Date of birth	Year of graduation	Employed Since
1						
2						
3						

4						
---	--	--	--	--	--	--

Add separate sheet (if required)

7- Code(s) of specialization required _____

*(Supported with documents and
employment of relevant
Engineer(s)):*

8- UNDERTAKING

I undertake that;

- a) the information given above and documents/papers attached herewith are correct and accurate to the best of my knowledge and belief and nothing has been concealed.
- b) I will abide by the provisions of PEC Act 1976 and Construction & Operation of Engineering Works Bye-laws 1987.
- c) I shall be responsible if any information, document or paper submitted by me is found incorrect or forged.
- d) I will inform the council if any of above mentioned engineer(s) leaves the firm.
- e) I will inform the council about any event taking place after grant of licence, which render our firm ineligible for continuation of licence, reduction in the category, suspension or cancellation of the licence as per Bye-laws 8(2).

PENALTIES VIZ-À-VIZ THE NATURE OF MISCONDUCT

Besides provisions stated in the PEC Construction & Operation of Engineering Works Bye-laws 1987, following penalties will be imposed:

Sr. No.	Nature of misconduct	Penalty to be imposed
a.	In case, a firm obtained and executed work(s): a. Without having PEC licence of appropriate category; b. Without having valid PEC licence; c. Beyond the limit of its licence; e. Without employment of engineers and completion of PCPs.	A fine amounting to three times of the fee for the category applied for new registration.
b.	In case a firm submits an incorrect/fake affidavit of engineer to PEC.	The firm will be suspended and given opportunity of personal hearing to defend his status/ position and as a consequence will be either de-registered for six(6) months to maximum three (3) years/issued warning/restored the suspension as decided by Enrolment Committee.
c.	In case a firm submits fake/tampered PEC licence to a client/PEC.	
d.	In case a firm submits fake/forged/incorrect work order(s) or performance certificate/report to PEC.	In addition to above, if Enrolment Committee considers FIR may also be lodged against the owner/firm.
e.	Any other misconduct.	As decided by the Central Enrolment Committee, on case to case basis under the provisions of PEC Act and bye-laws.

I fully understand the above mentioned penalties viz-à-viz the nature of misconduct. I shall be liable to punitive action taken by PEC in event of misconduct committed by me or the firm.

Company/Firm's Seal

Signature: _____

Name: _____

Mobile No: _____

Date: _____

CNIC No.

						-										-	
--	--	--	--	--	--	---	--	--	--	--	--	--	--	--	--	---	--

(CEO/ Chairman/ Managing Partner or Director)

[For official use only]

DECISION OF ENROLMENT COMMITTEE

CONVENER ENROLMENT COMMITTEE

Prescribed fee of Rs. ....has been received and credited vide Receipt No.	
Dated	
Bank Name. Dated Amount Rs.	
Signature of Accounts Official: _____	Signature of Internal Auditor: _____
Date of Approval : _____	Category: _____ Licence No: _____
Initial of Scrutiny Official : _____	Licence Serial No: _____
	Date of Issue ___ Valid Upto: _____
	Initial of Section Incharge: _____

Registrar
PECINSTRUCTIONS FOR FILLING IN APPLICATION FORM
FOR RENEWAL OF CONSTRUCTOR/OPERATOR LICENCE

1. Before filling in the application form, please see clause 4 and 8 of the Construction and Operation of Engineering Works Bye-laws, 1987.
2. The annual application fee for all Constructor/Operator category licence, Financial Limits and PCP's required for renewal of licence is mentioned below, the evidence of payment should accompany the application form.
3. For renewal, the applicant for the constructor's or operator's licence shall submit application to the Council in the prescribed form. The application for renewal shall be submitted to the Council by the 5th day of May of the year based on the constructor's or operator's status as on the 30th day of April of the same year. The licence shall stand expired on 30th day of June of next year.
4. A licensee shall inform the Council of any events taking place after grant of a licence to him or renewal thereof, which render him ineligible for continuation of licence in accordance with the clauses of aforesaid bye-laws. On receipt of such information, the Council may decide to reduce the category of licence or suspend or cancel the licence as it may deem fit.

Constructors' categories, fee, financial limits and other associated parameters

Category	Limit of Construction Cost of Project	Minimum Requirement of Engineers	Net Worth (Rs.in million)	PCPs	Fee (Rupees)
C-A	No Limit	Two P.Es with 20 years of Experience each + Three REs having supervisory certificate	150	200	400,000
C-B	Up to 4000	Two P.Es with 15 years of Experience each + Two REs having supervisory certificate	100	120	250,000
C-1	Up to 2500	Two P.Es with 10 year of Experience each + One RE having supervisory certificate	80	90	150,000
C-2	Up to 1000	One P.E + R.Es	50	35	125,000
C-3	Up to 500	50% R.E	30	20	75,000
C-4	Up to 200	50% R.E	6	15	45,000
C-5	Up to 65	One R.E	3	5	30,000
C-6	Up to 25	One R.E	1.5	5	15,000

Operators' categories, fee, financial limits and other associated parameters

Category	Limit of capital Cost of Project	Minimum Requirement of Engineers	Net Worth Rs. In million	PCPs	Fee (Rupees)
O-A	No Limit	Two P.Es with 20 years of Experience each + Three REs having supervisory certificate	150	150	400,000
O-B	Up to 2000	Two P.Es with 15 years of Experience each + Two REs having supervisory certificate	75	100	250,000
O-1	Up to 1000	Two P.Es with 10 year of Experience each + One RE having supervisory certificate	30	75	150,000
O-2	Up to 500	One P.E + R.Es	25	35	125,000
O-3	Up to 200	50% R.E	10	20	75,000
O-4	Up to 100	50% R.E	3	15	45,000
O-5	Up to 30	One R.E	2	5	30,000
O-6	Up to 20	One R.E	1	5	15,000

Note:- If a firm could not get its registration renewed, the firm will be renewed after payment of outstanding fee of entire defaulting period plus surcharge of 5% of defaulting fee amount, or prescribed from time to time.

APPENDIX-AII
[see bye-law 2(aa)]

PAKISTAN ENGINEERING COUNCIL

Ataturk Avenue (East), Sector G-5/2, Islamabad
UAN: 111-111-732 Fax: 051-2780346
E-mail: info@pec.org.pk URL: http://www.pec.org.pk

FOR OFFICE USE ONLY

Application Tracking No. _____
Receiving Date _____

**APPLICATION FOR UP-GRADATION AS CONSTRUCTOR/OPERATOR FROM
CATEGORY ____ TO ____**

(To be filled in CAPITAL letters)

Category: C-____ or O-____ Licence No. _____ Valid upto _____
(Attach Original Previous Licence)

1- Name of the Firm: _____ 2-NTN:

3- Name of CEO: _____

4- Mailing Address: _____

Engr. Owner/Shareholder: YES NO Courier service availability: YES NO
(Tick the appropriate box)(Tick the appropriate box)

Mob: _____ Tele: _____ Fax: _____ E-mail: _____

5- Type of Ownership Individual Sole-Proprietorship Partnership
 Private Ltd Co. Public Ltd Co SMC (Pvt) Ltd Co Statutory
Body Others _____ (Tick the appropriate box)

Any Change, be described (Supported by legal Documents) _____

6- Detail of Engineers employed by the firm:

Sr. #	Name of Engineer	PEC Reg. No.	Renewed upto	Date of birth	Year of graduation	Employed Since
1						
2						
3						
4						

Add separate sheet (if required)

7- Major works executed after previous Up-gradation (of last three years):

Sr. #	Year of Award	Value of Work (Rs)	%age of Completion	Deptt / Org	Description of Work
1					
2					
3					
4					

Add separate sheet (if required)

(Attach copy of Work Order, agreement and Performance Certificate duly verified by Concerned Department)

8- Code(s) of specialization required: _____

*(Supported with documents and employment
of relevant Engineer(s)):* _____

9- UNDERTAKING

I undertake that;

- a) the information given above and documents/papers attached herewith are correct and accurate to the best of my knowledge and belief and nothing has been concealed.
- b) I will abide by the provisions of PEC Act 1976 and Construction & Operation of Engineering Works Bye-Laws 1987.
- c) I shall be responsible if any information, document or paper submitted by me is found incorrect or forged.
- d) I will inform the council if any of above mentioned engineer(s) leaves the firm.
- e) I will inform the council about any event taking place after grant of licence, which render our firm ineligible for continuation of licence, reduction in the category, suspension or cancellation of the licence as per Bye-laws 8(2).

Company/Firm's Seal

Signature: _____

Name: _____

Mobile No: _____

Date: _____

CNIC No.
(CEO/ Chairman/ Managing Partner or Director)

PENALTIES VIZ-À-VIZ THE NATURE OF MISCONDUCT

Besides provisions stated in the PEC Construction & Operation of Engineering Works Bye-laws 1987, following penalties will be imposed.

Sr. No.	Nature of misconduct	Penalty to be imposed
(a)	In case, a firm obtained and executed work(s): a. Without having PEC licence of appropriate category; b. Without having valid PEC licence; c. Beyond the limit of its licence; d. Without employment of engineers and completion of PCPs.	A fine amounting to three times of the fee for the category applied for new registration.
(b)	In case a firm submits an incorrect/fake affidavit of engineer to PEC.	The firm will be suspended and given opportunity of personal hearing to defend his status/ position and as a consequence will be either de-registered for six(6) months to maximum three (3) years/issued warning/restored the suspension as decided by Enrolment Committee.
(c)	In case a firm submits fake/tampered PEC licence to a client/PEC.	

(d)	In case a firm submits fake/forged/incorrect work order(s) or performance certificate/report to PEC.	In addition to above, if Enrolment Committee considers FIR may also be lodged against the owner/firm.
(e)	Any other misconduct.	As decided by the Central Enrolment Committee, on case to case basis under the provisions of PEC Act and bye-laws.

I fully understand the above mentioned penalties viz-à-viz the nature of misconduct. I shall be liable to punitive action taken by PEC in event of misconduct committed by me or the firm.

Company/Firm's Seal

Signature: _____

Name: _____

Mobile No: _____

Date: _____

CNIC No.

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

 - _____ - _____
 (CEO/ Chairman/ Managing Partner or Director)

[For official use only]

DECISION OF ENROLMENT COMMITTEE

CONVENER ENROLMENT COMMITTEE

Prescribed fee of Rs. ....has been received and credited vide Receipt No. Dated	
Bank Name. Dated Amount Rs	
Signature of Accounts Official: _____	Signature of Internal Auditor: _____
Date of Approval : _____ Initial of Scrutiny Official : _____	Category: _____ Licence No: _____ Licence Serial No: _____ Date of Issue : _____ Valid Upto: _____ Initial of Section Incharge: _____

Registrar
PEC

**INSTRUCTIONS FOR FILLING IN APPLICATION FORM
FOR UPGRADATION OF CONSTRUCTOR/OPERATOR LICENCE**

1. Before filling in the application form, please see clause 4 and 8 of the Construction and Operation of Engineering Works Bye-laws, 1987.
2. The annual application fee for all Constructor/Operator category licence, Financial Limits and PCP's required for upgradation of licence is mentioned below, the evidence of payment should accompany the application form.
3. For upgradation, the applicant for the constructor's or operator's licence shall submit application to the Council in the prescribed form. The application for renewal shall be submitted to the Council by the 5th day of May of the year based on the constructor's or operator's status as on the 30th day of April of the same year. The licence shall stand expired on 30th day of June of next year.
4. A licensee shall inform the Council of any events taking place after grant of a licence to him or renewal thereof, which render him ineligible for continuation of licence in accordance with the clauses of aforesaid bye-laws. On receipt of such information, the Council may decide to reduce the category of licence or suspend or cancel the licence as it may deem fit.

Constructors' categories, fee, financial limits and other associated parameters

Category	Limit of Construction Cost of Project (million rupees)	Minimum Requirement of Engineers	Net Worth (Rs.in million)	PCPs	Fee (Rupees)
C-A	No Limit	Two P.Es with 20 years of Experience each + three RE having supervisory certificate	150	200	400,000
C-B	Up to 4000	Two P.Es with 15 years of Experience each + two RE having supervisory certificate	100	120	250,000
C-1	Up to 2500	Two P.Es with 10 year of Experience each + one RE having supervisory certificate RE	80	90	150,000
C-2	Up to 1000	One P.E + R.Es	50	35	125,000
C-3	Up to 500	50% R.E	30	20	75,000
C-4	Up to 200	50% R.E	6	15	45,000
C-5	Up to 65	One R.E	3	5	30,000
C-6	Up to 25	One R.E	1.5	5	15,000

Operators' categories, fee, financial limits and other associated parameters

Category	Limit of capital Cost of Project (million rupees)	Minimum Requirement of Engineers	Net Worth Rs. in million	PCPs	Fee (Rupees)
O-A	No Limit	Two P.Es with 20 years of Experience each + three RE having supervisory certificate	150	150	400,000
O-B	Up to 2000	Two P.Es with 15 years of Experience each + two RE having	75	100	250,000

		supervisory certificate			
O-1	Up to 1000	Two P.Es with 10 year of Experience each + one RE having supervisory certificate	30	75	150,000
O-2	Up to 500	One P.E + R.Es	25	35	125,000
O-3	Up to 200	50% R.E	10	20	75,000
O-4	Up to 100	50% R.E	3	15	45,000
O-5	Up to 30	One R.E	2	5	30,000
O-6	Up to 20	One R.E	1	5	15,000

Note:- If a firm could not get its registration renewed, the firm will be renewed after payment of outstanding fee of entire defaulting period plus surcharge of 5% of defaulting fee amount, or prescribed from time to time.”;

Fee for up-gradation for constructor/operators firm

Following fee shall be charged for up-gradation of the category of licence -:

- | | | |
|----|---------------------------|------------------------------|
| a. | One step up | fee of desired category; |
| b. | two steps up | 2 times of desired category; |
| c. | three steps up and onward | 3 times of desired category. |

APPENDIX-AIII
[see by-law 2(aa)]

PAKISTAN ENGINEERING COUNCIL

Ataturk Avenue (East), Sector G-5/2, Islamabad
Help line: 111-111-732
PABX: 2829296, 2829311, 2829348, Fax: 2276224, 2870346
e-mail: info@pec.org.pk, URL: http://www.pec.org.pk

FOR OFFICE USE ONLY

Application tracking No. _____
Receiving Date: _____

APPLICATION FORM FOR NEW /RENEWAL OF REGISTRATION AS FOREIGN FIRMS

Applied for Category: _____ (FC-A, FC-B, FC-1, FO-A, FO-B and FO-1 Category only)

- 1- Name of the Foreign Firm: _____ Country of Origin : _____
- 2- Name of Authorized/ Nominated Person in Pakistan: _____
- 3- Passport No. of Authorized/ Nominated Person in Pakistan: _____
- 4- *Detail of Ownership:

Sr.	Name of Owner(s)	Passport No.	% age share

5- Mailing Address in Pakistan: _____
 _____ Tele: _____, Fax: _____,
 Mob: _____, e-mail: _____

6- Permanent Address (Home Country):

 Tele: _____, Fax: _____, Mob: _____, e-mail: _____

7- *Detail of Foreign Engineers employed by the firm (attach undertaking, copy of Passport & Temporary Licences of all foreign engineers issued by PEC):

Sr.	Name	PEC /TL. No.	Passport No.	Designation	Employed Since
1					
2					
3					

8- *Detail of Pakistani Engineers employed by the firm (attach undertaking, copy of CNIC & Valid Renewal Card of all Engineers):

Sr.	Name	PEC Reg. No.	CNIC No.	Designation	Employed Since
1					
2					
3					

9- Code of Specialization Required _____

10- UNDERTAKING

It is hereby certified that the information given above is true and I/we take full responsibility for its correctness and accuracy to the best of my/our knowledge and belief and nothing has been concealed. This is further to certify that this application fulfils the entire requirements of PEC Bye-laws for licensing of constructors/operators and I/we fully understand the provisions of the PEC Bye-laws and agree to abide by them.

Signature(s)

Company/Firm's Seal

Date: _____

Name: _____
 CEO/Authorized Representative: _____
 CNIC No/Passport No.: _____

**Add separate sheet (if required)*

**INSTRUCTIONS FOR FILLING IN APPLICATION FORM
FOR FOREIGN FIRMS**

1. Before filling in the application form, please see clause 7(2) of the Construction and Operation of Engineering Works Bye-laws, 1987.
2. The annual application fee for all Constructor/Operator category licence, Financial Limits and PCP's required for new/renewal of licence is mentioned below; the evidence of payment should accompany the application form.
3. Foreign firm will not be eligible to participate in bidding individually. Foreign firm shall have to enter into joint venture with Pakistani firm registered with PEC of equitable/compatible category (FC-A, FC-B, FC-1, FO-A, FO-B and FO-1) and submit to the employer before participating in bidding.
4. Licence shall be issued on yearly basis which will have to be renewed after its expiry.
5. Foreign constructor or operator will employ minimum 70% Pakistani engineers of relevant discipline/field for the projects. The foreign firm must also apply for registration of foreign engineer who is brought into Pakistan and who performs any engineering work in Pakistan (please refer to section 12 of the Pakistan Engineering Council Act, 1976, in this connection).
6. A licensee shall inform the Council of any events taking place after grant of a licence to him or renewal thereof, which render him ineligible for continuation of licence in accordance with the clauses of aforesaid bye-laws. On receipt of such information, the Council may decide to reduce the category of licence or suspend or cancel the licence as it may deem fit.

Financial limits, PCPs requirements & applicable fee for Foreign Constructors

Constructor Category	Limit of Construction Cost of Project (Million US \$)	Financial Soundness		Min. No. of REs having Supervisory Licence	PCPs		Fee (US \$)
		Paid-up Capital (Million US \$)	Net Worth (Million US \$)		Requirement for provisional licence	At the time signing contract	
FC-A	No Limit	1.5	120	3	100	200	24,000
FC-B	Up to 40	1	75	2	60	120	12,000
FC-1	Up to 25	0.8	30	1	45	90	10,000

Note:

1. Foreign constructor will employ minimum 70% Pakistani engineers and 30% of foreign engineers of relevant discipline/field and technical staff.
2. The company must qualify one of the two columns under Net Worth, Paid up Capital or Financial Soundness.
3. Initially provisional license will be issued for participation in the bidding with 50% of required PCPs. After award of work standard license will be issued with completion of PCPs.

4. Penalties will be imposed maximum three times of fees or cancellation of license, if required PCPs are not provided at the time of execution of the contract.

Financial limits, PCPs requirements & applicable fees for Foreign Operators

Operator Category	Limit of Capital Cost of Project (Million US \$)	Financial Soundness		Min. No. of REs having Supervisory Licence	PCPs		Fee (US \$)
		Paid-up Capital (Million US \$)	Net worth (Million US \$)		Requirement for Provisional licence	At the time of signing contract	
FO-A	No Limit	1.5	120	3	100	200	24,000
FO-B	Up to 40	1	75	2	60	120	12,000
FO-1	Up to 25	0.8	30	1	45	90	10,000

Note:

1. Foreign operator will employ minimum 70% Pakistani engineers and 30% of foreign engineers of relevant discipline/field and technical staff.
2. The company must qualify one of the two columns under Net Worth, Paid up Capital or Financial Soundness.
3. Initially provisional license will be issued for participation in the bidding with 50% of required PCPs. After award of work standard license will be issued with completion of PCPs.
4. Penalties will be imposed maximum/three times of fees or cancellation of license, if required PCPs are not provided at the time of execution of the contract.

APPENDIX – B

[See clause (5) of bye-law 4]

UNDERTAKING BY ENGINEER

I, adult, resident of do hereby solemnly declare as under:-

1. That I am registered as a and a certificate of registration bearing No. dated has been issued by the Pakistan Engineering Council which has been renewed up to
2. That I am presently employed on regular/fulltime basis with since and presently hold the position of I further state that I am not employed on any other assignment with any other private firm, government agency, office or bureau of any other consulting engineer.
3. That I undertake to intimate the Pakistan Engineering Council about my disassociation with the above-mentioned employer within thirty days of the same.
4. That I have enclosed with this undertaking my following documents:-
 - (a) Copy of National Identity Card
 - (b) Copy of PEC Registration Card (Renewed)

- (c) Detail CV duly signed
 - (d) Copy of appointment letter of the Firm/Company
 - (e) Proof of monthly salary received from the firm
5. That I have not ever incurred any disqualification in any manner under the Pakistan Engineering Council Act and Bye-laws. (if in the past any disqualification was incurred please mention material detail).
 6. That the contents of the above mentioned undertaking are true to the best of my knowledge, belief and information received and nothing has been concealed therefrom.
 7. That if information provided found fake/ incorrect my registration may be cancelled besides taking other legal action without giving any notice.

DEPONENT

I.D.CARD NO. _____
DATE: _____
PLACE: _____