



PAKISTAN ENGINEERING
COUNCIL

ONE-New/5

NEW REGISTRATION APPLICATION FORM

(NON-ENGINEER OWNED/SHARED) OPERATOR FIRMS/COMPANIES

Category: O-5

**For Year Ending:
30 June 20**

**Application No.
(For office use)**

- Please fill this form in CAPITAL LETTERS.
- Submit this form in relevant PEC office of your region on the basis of firm's address. Detail of these offices is given in **Annex-A** enclosed.
- Read **INSTRUCTIONS** enclosed with the Application Form before filling this form.

1. Company Particulars	Type of Ownership (Tick (✓) relevant box)		→	Sole/ Indl	AOP	LLP	Private Ltd Co.	Public Ltd Co.	SMC- Pvt Ltd.
	Detail of Particulars								
	a. Name of Firm/Company: (as per name in ownership documents)								
	b. Address of firm/company: (as per address in ownership documents)								
	c. Name of Applicant(CEO/COO/MD/Chairman):								
	d. Contact details of firm: Phone No.: _____ Mobile No.: _____ E-mail: _____ Fax. : _____								
2. Ownership Details	Courier Service availability: Yes/No (strike out which is not relevant) (Phone No., Mobile No, email and fax should be functional/in use as PEC will correspond through these contacts)								
	Owners/Partners/Shareholders (as per ownership document)								
	No.	Name	CNIC	% Share	Contact No.				
3. NTN	(Add separate sheet if required)								
	No. _____								

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.

Signature of Applicant: _____

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4. Account Details	<u>Account title in the name of Firm/Company:</u> _____																																																																					
	<u>Bank with Branch:</u> _____																																																																					
	<u>Account No.:</u> _____																																																																					
5. Fee	<u>Required Fee:</u> Rs.30,000/- (excluding bank charges, if any) per year for maximum up to 3 years. <u>Fee Paid:</u> Rs. _____																																																																					
6. Engineers Profile	<u>Voucher/Deposit Slip No.</u> _____					<u>Dated</u> _____																																																																
	<u>Required PCPs = 05</u> (One Registered Engineer / Supervisory Certificate Holder)					<u>Provided PCPs =</u>																																																																
	<u>Engineers Profile:</u> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center; width: 15%;">S.No.</th> <th style="text-align: center; width: 15%;">PEC No.</th> <th colspan="8" style="text-align: center;">Name</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td colspan="8"> </td></tr> </tbody> </table>										S.No.	PEC No.	Name																																																									
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7. Specialization Codes	<u>Desired Codes</u> A. General Codes (Tick (✓) required codes)																																																																					
	CE01	CE04 (except Dams)	CE08	CE09	CE10	EE01	EE02	EE03	EE04	EE06																																																												
	EE07	EE08	EE09	EE10	EE11	ME01	ME02	ME04	ME05	ME06																																																												
	ME07	BC01	BC02																																																																			
	<u>B. Special Codes</u> (Tick (✓) required codes)																																																																					
	CE02	CE03	CE04 (with Dams)	CE05	CE06	CE07	EE05	ME03	BC03																																																													

UNDERTAKING BY CEO/ CHAIRMAN/ MANAGING PARTNER OR DIRECTOR

I CNIC No., adult, do hereby solemnly declare as under:-;

1. 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.
 2. The name of my firm is not struck off or black-listed from any department.
 3. There is no litigation in the Court or any other department (i.e. Public / Private) against the firm.
 4. The firm has not been declared as bankrupt.
 5. I shall abide by the provisions of PEC Act 1976 and Construction & Operation of Engineering Works Bye-Laws 1987, as amended time to time and any other direction issued by Pakistan Engineering Council on functioning of this firm.
 6. I shall be responsible if any information, document or paper submitted by me is found incorrect, fake or forged.
 7. I shall inform the council within a week if any of aforementioned engineer(s) leaves the firm.
 8. I shall pay monthly salary to the engineer(s) employed with this company.
 9. I shall inform the council about any such event taking place after grant of license, which renders our firm ineligible for continuation of licence, reduction in the category, suspension or cancellation of the license as per Bye-laws 8(2).
 10. I shall be liable to punitive action taken by PEC in event of misconduct committed on behalf of the firm.

Company's Seal _____

Signature:- _____

Date: _____

Name: _____

INSTRUCTIONS

This set of instructions is for guidance. Not to be submitted along with application form.

FILLING UP THE APPLICATION FORM FOR REGISTRATION OF NON-ENGINEER OWNED/SHARED OPERATOR FIRM/COMPANY

General

- Prior to naming your firm, check availability of the name from PEC website: <https://coportal.pec.org.pk/Miscellaneous/NameCheck>, PEC will not accept a name which has already been given to a firm registered with PEC or having words like CONSULTANT/CONSULTANCY/OPERATOR as its part.

1.	<p><u>DOCUMENTS REQUIRED FOR COMPANY'S PARTICULARS:</u></p> <p>Following documents will be required:</p> <ul style="list-style-type: none"> a. <u>Individual or Sole Proprietor:</u> NTN certificate in the name of firm or in the name of owner with the firm's name mentioned in it. b. <u>AOP/Partnership Concern Firms:</u> Partnership Deed duly registered by Registrar of Firms (RoF) by issuing Form-C or H. c. <u>SECP Companies (Pvt Ltd/ LLP/ Public Ltd/ SMC Pvt Ltd):</u> Certified true copies of following documents to be issued by SECP: <ul style="list-style-type: none"> i) Certificate of Incorporation. ii) MOA. iii) Latest Form 29. iv) Form 3A if any change in incorporation has occurred before company's AGM d. <u>CNIC of Owner/Partner(s)/Shareholder(s) :</u> CNIC copy of owner in case of 100 % ownership OR of leading partner in case of shareholding.
2.	<u>NTN:</u> Copy of Enterprise/Firm/Company's NTN Certificate.
3.	<u>BANK ACCOUNT:</u> Company's Account Maintenance Certificate issued by Concerned Bank.
4.	<p><u>FEE:</u>Fee shall be deposited through Bank Challan/Deposit Slip only in following accounts:</p> <ul style="list-style-type: none"> • MCB Bank account: 0685583041005497 (Branch code 0069). • HBL Bank account: 00427901578603 (Branch code 0602). <p>(Dedicated fee challan are available within MCB/HBL. In case of non-availability of PEC dedicated challan, bank's standard deposit slip may be used along with required detail.)</p> <p><u>Original Fee Challan/Deposit Slip will be submitted with Application Form.</u></p>
5.	<p>a. <u>Engineer's Verification:</u></p> <ul style="list-style-type: none"> • Biometric verification slips of all engineers conducted at any of PEC Offices. • Complete PEC No. of engineer will be written from his / her PEC Card. <p>b. <u>Calculation of PCPs:</u></p> <p>The calculation of PCPs will be carried out as under:-</p> <ul style="list-style-type: none"> ➤ <u>Experience based PCPs</u> (Length of experience will be counted from the date of passing of B.Sc Engg. Or B.E. degree) <ul style="list-style-type: none"> • <u>Registered Engineer (R.E)</u> <p>Minimum 05 PCPs will be given up to 05 years of experience. Thereafter, one PCP will be added on each additional year of experience. For example, an R.E of 01 day to 05 years' experience will get 05 PCPs, whereas, an R.E with 9 years' experience will get 05+4 PCPs Points.</p>

	<ul style="list-style-type: none"> • <u>Professional Engineer (P.E)</u> <p>Minimum 10 PCPs will be given from upto 10 years of experience. Thereafter, one PCP shall be added for each year of experience to engineers engaged in the construction and operation of engineering works.</p> <p>➤ Maximum experience based PCP will be 30.</p>																														
	<ul style="list-style-type: none"> ○ <u>Extra Bonus PCPs</u> <p>In case of shareholding of P.E in the applicant firm/company, with;</p> <table> <tr> <td>a) 10 – 19 %</td> <td>:</td> <td>05</td> </tr> <tr> <td>b) 20 – 49 %</td> <td>:</td> <td>10</td> </tr> <tr> <td>c) 50 – 74 %</td> <td>:</td> <td>15</td> </tr> <tr> <td>d) 75 % and over</td> <td>:</td> <td>20</td> </tr> </table> <ul style="list-style-type: none"> ○ <u>Extra Point PCPs</u> <table> <tr> <td>a) Masters MS</td> <td>:</td> <td>02</td> </tr> <tr> <td>b) PhD</td> <td>:</td> <td>04</td> </tr> <tr> <td>c) Life Membership</td> <td>:</td> <td>01</td> </tr> </table> <ul style="list-style-type: none"> ○ <u>Deduction of PCPs</u> <p>In case of age of engineer is beyond 65 Years, then deduction will be;</p> <table> <tr> <td>a) 65 – 75 years</td> <td>:</td> <td>01 PCP/year</td> </tr> <tr> <td>b) 75 – 80 years</td> <td>:</td> <td>02 PCP/year</td> </tr> <tr> <td>c) Above 80 years</td> <td>:</td> <td>05 PCP/year</td> </tr> </table>	a) 10 – 19 %	:	05	b) 20 – 49 %	:	10	c) 50 – 74 %	:	15	d) 75 % and over	:	20	a) Masters MS	:	02	b) PhD	:	04	c) Life Membership	:	01	a) 65 – 75 years	:	01 PCP/year	b) 75 – 80 years	:	02 PCP/year	c) Above 80 years	:	05 PCP/year
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6.	<p><u>SPECIALIZATION CODES</u> (Detail of specialization codes is given in Annex-B):</p> <p>Specialized Codes will be awarded on basis of two criteria:-</p> <p><u>On Engineer Experience:</u></p> <ul style="list-style-type: none"> • Verifiable CV duly signed by engineer; • Verifiable Experience Certificate issued by the organization from where the engineer acquired particular experience (not required in case of retired Govt. engineer, for whom copy of retirement letter is required). <p style="text-align: center;">OR</p> <p><u>On Company's Experience:</u></p> <ul style="list-style-type: none"> • Company's experience supported with verifiable relevant work order/agreement with employer along with Performance Certificate; and • CV of engineer of relevant discipline. 																														

SUMMARY OF DOCUMENTS REQUIRED FOR NEW REGISTRATION OPERATOR APPLICATION

1. **Ownership Documents:-**

a. **For Individual or Sole Proprietor:**

NTN certificate in the name of firm or in the name of owner with the firm name mentioned in it.

b. **For AOP/Partnership Concern Firms:**

Partnership Deed duly registered and issued by Registrar of Firms (RoF) through Form-C or H.

c. **For SECP Registered Companies:**

Certified true copies of following documents to be issued by SECP:

i) Certificate of Incorporation.

ii) MOA.

iii) Latest Form 29.

iv) Form 3A if any change of incorporation has occurred prior to company's AGM.

d. **CNIC of Owner/Partner(s)/Shareholder(s) :**

CNIC copy of owner in case of 100 % ownership OR of leading partner in case of shareholding

2. **NTN:** Copy of Enterprise/Firm/ Company's NTN Certificate.

3. **Bank Account:** Company's Account Maintenance Certificate issued by Concerned Bank.

4. **Fee:** Original Fee Challan

5. **Engineer's Document:**

- a. Copy of National Identity Card.
- b. Copy of PEC Registration Card (Renewed).
- c. Detail CV duly signed by engineer concerned.
- d. Copy of Appointment Letter of the Firm/Company for employed engineer(s).
- e. Acknowledgement Biometric Slip (All engineers).
- f. Experience Certificate if required for award of Specialized Code(s).
- g. Copy of Supervisory Certificate instead of experience Certificate and CV (only for engineer(s) holding supervisory certificate(s)).

6. **Specialization Codes**

Specialized Codes will be awarded on basis of two criteria:-

a. **On Engineer Experience:**

- Verifiable CV duly signed by relevant engineer;
- Verifiable Experience Certificate issued by the organization from where the engineer acquired the particular experience (not required in case of retired Govt. engineer, for whom copy of retirement letter is required).

OR

b. **On Company's Experience:**

- Company's experience supported with verifiable relevant work order/agreement with employer;
- Performance Certificate as per specimen given in Annex-C, and
- CV of engineer of relevant discipline

List of PEC Offices with Jurisdiction, Addresses and Contact Detail

PEC HEAD OFFICE			
PEC Head Office, Islamabad Pakistan Engineering Council, Ataturk Avenue (East) G-5/2, Islamabad. UAN: (+92-51) 111-111-732 Phone : (+92-51) 2829348, 2829311		Jurisdiction: Islamabad (ICT), Rawalpindi, Attock, Jehlum, Chakwal & Gilgit-Baltistan	
REGIONAL OFFICES			
Regional Office, Lahore		Regional Office, Karachi	
37 – Shershah Block, New Garden Town Lahore opposite to Passport office. Phone : 042 - 99232020 & 042 – 99232021 Fax: 042 - 99232022 Email: lahore@pec.org.pk	Jurisdiction: Punjab except Rawalpindi, Attock, Jehlum and Chakwal	ST-14/A, Block-2, Kehkashan-V, Clifton, Karachi. Phone: +(92-21) 99250215- 16 Email: karachi@pec.org.pk	Jurisdiction: Sindh Province
Regional Office, Peshawar		Regional Office, Quetta	
Plot No 18-B/1, (Office Enclaves), Phase V, Hayatabad, Peshawar. Phone: +(92-91)9217880 Fax: +(92-91)5892892 Email: peshawar@pec.org.pk	Jurisdiction: KPK Province	Main Samungli Road (southern side) Quetta. Phone: +(92-81) 2871673 Fax: +(92-81) 2871674 Email: quette@pec.org.pk	Jurisdiction: Balochistan Province
BRANCH OFFICES (Jurisdiction; Areas of respective regions)			
PUNJAB			
PEC Branch Office, Multan CF24-J Near T-Chowk, Shah Rukn-e-Alam Colony, Multan. Phone: (92-61) 9220221 Fax: (92-61) 9220221 Email : multan@pec.org.pk			
SINDH			
PEC Branch Office, Hyderabad House # B-90,HDA Housing Scheme, Near Post Office ,Phase-1, Qasimabad, Hyderabad. Phone #: 022-2672459, (92-22) 9240013 Email : hyderabad@pec.org.pk		PEC Branch Office, Sukkur Plot# B-7, Imdad Ali Awan Road, Hamdard Co-operative Society, Sukkur Phone: +(92-71) 5815190 Email : sukkur@pec.org.pk	
PEC Branch Office, Larkana Near Chandka Petrol Pump Wagon Road, Larkana. Phone: +(92-74) 4752989 Email : larkana@pec.org.pk		PEC Branch Office, Nawabshah House no. A1/3, Housing Society, SP Office Road, Nawabshah Phone: 0244366267	

KHYBER PAKHTUNKHUA		
Branch Office, Mardan House no 41, street 01 Sector I (opposite Mardan sports complex) Sheikh Maltoon town Mardan		Branch Office, Abbottabad 19-AL Fatah Avenue Al-YousafManzil, Mandian, Abbottabad. Phone:0992-412516 Email: abbottabad@pec.org.pk
PEC Branch Office, Swat Pakistan Engineering Council, Near Primary School ChailShagi Saidu Sharif Swat Phone : 0946-721525		Branch Office, Dera Ismail Khan Pakistan Engineering Council, 4, Qasim Road Dera Ismail Khan Cantt Phone: 0966-9280555 Fax: 0966-9280666 Email: dikhan@pec.org.pk
BALOCHISTAN		
PEC Branch Office, Khuzdar ZahidabadKhuzdarBalochistan. Phone: 0336-2833554 Email: khuzdar@pec.org.pk		PEC Branch Office, Loralai loralai@pec.org.pk Phone : 0824-410202 Plot:SI-150, Majeed Colony, Khan Sidique Street Loralai.
PEC Branch Office, Gawadar Plot:SI-150, Phase 1 Shambay Ismail Ward Shah Noori Market Qandeel Chowk Gawader Email: gawadar@pec.org.pk Phone : 0864-410060		PEC Branch Office, Turbat College road, Near ZaraiTaraqiati Bank Limited, Turbat. Phone: 0852-412125 Email : turbat@pec.org.pk
Gilgit-Baltistan		
PEC Branch Office, Gilgit Near Pakistan Television (PTV) office,Jutial Gilgit Gilgit-Baltistan Phone: +(92-5811) 920870 Fax: +(92-5811) 922595 Email: gilgit@pec.org.pk		
Azad Jammu and Kashmir		
PEC Branch Office, Muzaffarabad House # D-124, Street No 16, Upper Chattar Housing Scheme, Muzaffarabad. Phone no.: (92-058) 22215111 muzaffarabad@pec.org.pk	Jurisdiction: Azad Jammu and Kashmir Region	Branch Office, Mirpur AJK Flat No 1,2 & 3, First floor, HK Downtown Apartments Sector E.2 Plot no 83 G near Mazhar Green plaza Haul road Mirpur Azad kashmir. Phone: 05827-925915 Email: Saqib.jamil@pec.org.pk

List of Specialization Codes**DESCRIPTION AND CRITERIA OF SPECIALIZATION CODES,
OF CONSTRUCTOR/ OPERATORS**

CODE	SPECIALIZATION	DESCRIPTION	ENGINEER'S CRITERIA	
			Discipline	Experience
CE01	Road and Pavement Drainage & Retaining Structure Sign craft Installation	Construction of road and road reinstatement, pavement, bus bays, open car parks and related works 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.	CIVIL/ TRANSPORT	Not required
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.	CIVIL	Either firm's experience supported with Work Order along with satisfactory Performance Certificate issued by concerned employer/department. OR Engineer's experience supported with Experience Certificate relevant to code issued by the organization/ firm, in whose employment that engineer acquired the experience.
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.	CIVIL	Either firm's experience supported with Work Order along with satisfactory Performance Certificate issued by concerned employer/department. OR Engineer's experience supported with Experience Certificate relevant to code issued by the organization/ firm, in whose employment that engineer acquired the experience.
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.	CIVIL/AGRI	<ul style="list-style-type: none"> ● CE04 (except Dams) do not require experience. ● For CE04(Dams), either firm's experience supported

		Earth work/dredging in canal, river and offshore.		with Work Order along with satisfactory Performance Certificate issued by concerned employer/department. OR Engineer's experience supported with Experience Certificate relevant to code issued by the organization/ firm, in whose employment that engineer acquired the experience.
CE05	Offshore Works	Offshore construction works including related works.	CIVIL	Either firm's experience supported with Work Order along with satisfactory Performance Certificate issued by concerned employer/department. OR Engineer's experience supported with Experience Certificate relevant to code issued by the organization/ firm, in whose employment that engineer acquired the experience.
CE06	Tunneling and underpinning	Tunneling and underpinning works.	CIVIL/ MINING	Either firm's experience supported with Work Order along with satisfactory Performance Certificate issued by concerned employer/department. OR Engineer's experience supported with Experience Certificate relevant to code issued by the organization/ firm, in whose employment that engineer acquired the experience.
CE07	Railways Tracks	Installation of railway tracks, distressing of rails and tracks.	CIVIL/ TRANSPORT	Either firm's experience supported with Work Order along with satisfactory Performance Certificate issued by concerned employer/department. OR Engineer's experience supported with Experience Certificate relevant to code issued by the organization/ firm, in whose employment that engineer acquired the experience.
CE08	Oil and Gas Pipe Lines	Installation, maintenance and repair of oil and gas pipelines.	CIVIL/ MECHANICAL / PETGAS	Not Required
CE09	Sewerage Works Water Supply	Sewerage pipelines, disposal works, sewerage treatment works and allied works.	CIVIL/URBAN	Not Required

		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 Stabilization Landscaping & Horticulture Reclamation Works and Waterproofing General Buildings and Maintenance	General civil engineering works, including earthworks, sub-soil drainage, etc. Reinforcement of structures by way of pressure grouting, guniting, etc. 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. Provision of Landscaping services including tree planting, turfing, horticulture etc. Reclamation works. Water proofing of basement, roofs and walls. 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.	CIVIL	Not Required
BC01	Prefabricated Buildings and Steel Framed Buildings and Industrial Plants	Construction of buildings and industrial plants using prefabricated components and systems. Construction of steel framed buildings and industrial plants. Airports Terminal buildings, Satellite buildings, cargo terminals, air traffic control towers, contact piers, passenger loading bridges.	CIVIL/ MECHANICAL	Not Required
BC02	Restoration and Conservation	Building restoration and conservation.	CIVIL	Not Required
BC03	High Rise Buildings		CIVIL	Either firm's experience

				supported with Work Order along with satisfactory Performance Certificate issued by concerned employer/department. OR Engineer's experience supported with Experience Certificate relevant to code issued by the organization/ firm, in whose employment that engineer acquired the experience.
ME01	HVAC	Installation, Commissioning maintenance and repairs of air conditioning, refrigeration, cold rooms and ventilation system.	MECHANICAL	Not Required
ME02	Fire Prevention and Protection System	Installation and maintenance of fire alarms, prevention and protection systems.	MECHANICAL/ MECHATRO	Not Required
ME03	Lifts and Escalators Compressor Generators	Installation, commissioning and maintenance of lifts, escalators, travel lators and conveyor systems 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, water turbine generator and hybrid system.	MECHANICAL	Either firm's experience supported with Work Order along with satisfactory Performance Certificate issued by concerned employer/department. OR Engineer's experience supported with Experience Certificate relevant to code issued by the organization/ firm, in whose employment that engineer acquired the experience.
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.	MECHANICAL/ MECHATRO	Not Required
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.	MECHANICAL/ MECHATRO	Not Required
ME06	Specialized Fabrication and Treatment	Erection, maintenance and repair of exhaust stocks, tanks, reactors, separators,	MECHANICAL/ MECHATRO	Not Required

	<p>Medical Equipment</p> <p>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. 	
Kitchen and Laundry Equipment	Installation, commissioning and maintenance of cooking and kitchen equipment, laundry equipment, etc	
Heat Recovery System	Installation, commissioning maintenance and repair of boiler plant, heat exchangers, absorption chillers, unfired pressure vessels and hot water systems, etc.	
Pollution Control System Miscellaneous Mechanical Equipment	Landfill technology, incinerator, oil separators.	
Chiller for Power Generation	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.	
Specialized Plant	Installation, maintenance and repair of gas turbine driven chiller, steam turbine driven chiller and centrifugal chiller. 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.		
EE01	Sound System	Public address system, audiovisual system, conference system, intercom system and MAT.	ELECTRICAL/ ELECTRO	Not Required
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.	ELECTRICAL/ ELECTRO/ MECHATRO	Not Required
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	ELECTRICAL/ ELECTRO	Not Required
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.	ELECTRICAL/ ELECTRO	Not Required
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.	ELECTRICAL	<p>Either firm's experience supported with Work Order along with satisfactory Performance Certificate issued by concerned employer/department.</p> <p>OR</p> <p>Engineer's experience supported with Experience Certificate relevant to code issued by the organization/ firm, in whose employment that engineer acquired the experience.</p>

EE06	Specialized Lighting System	Installation and maintenance of 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.	ELECTRICAL/ ELECTRO/ MECHATRO	Not Required
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.	ELECTRICAL /ELECTRO/ TELECOM	Not Required
EE08	External Telecommunication Works	Telecommunication cabling (underground/ overhead), manholes, underground ducting/pipes.	ELECTRICAL/ ELECTRO/ TELECOM	Not Required
EE09	IT & Software Engg		COMPUTER/ ELECTRO	Not Required
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.	ELECTRICAL/ ELECTRO	Not Required
(CE11, BC04, ME07, and EE11)	Any work not covered in above description of works relevant to any engineering discipline.		CIVIL/ ELECTRICAL/ MECHANICAL/C HEM, etc. (as per nature of work)	Not required
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.		CIVIL/ ELECTRICAL/ MECHANICAL (as per nature of work)	Not required
O-6 (11)	All types of operational works. Toll collection, operational and management works. Mobile engineering workshop.		CIVIL/ ELECTRICAL/ MECHANICAL (as per nature of work)	Not required
C-5 (11)	All types of repair/maintenance of civil engineering works. Construction related civil engineering works including		CIVIL/ ELECTRICAL/ MECHANICAL	Not required

	allied electrical and mechanical works. Water supply, sanitary, drainage, sewerage and plumbing works. Asphalt Road, P.C.C streets, pavements including culverts.	(as per nature of work)	
O-5 (11)	All types of operational work. Toll collection, operational and management works. Mobile engineering workshop.	CIVIL/ ELECTRICAL/ MECHANICAL (as per nature of work)	Not required
CE (11)	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.	CIVIL/ ELECTRICAL/ MECHANICAL (as per nature of work)	Not required

PERFORMANCE CERTIFICATE
 (For works executed during last three years)

NAME OF FIRM: _____

PEC CATEGORY WITH REG # _____ NTN NO. _____

NAME OF EMPLOYER (DEPARTMENT/ PRIVATE ORGANIZATION/ INDIVUAL) WITH ADDRESS:

NAME OF CONSULTANT: _____

Sr.#	Work Order/ Contract No. & date	Name of Project	Original Contract Value (Rs) in millions	Work Executed		Work Completion Percentage, if Work is in Hand
				Starting Date	Actual Completion date, if work completed	
1.						
2.						
Total:-						

VALUE OF WORK DONE UPTO LATEST BILL: _____

Employer's remarks on quality of work executed:

_____**To be filled by Operator**

Name of Owner/

Share holder: _____

Mobile No: _____

Date: _____

Signature: _____

Company seal/stamp

To be filled by Employer/Department

Name & designation

of employer : _____

Tele No: _____

Mobile No: _____

Date: _____

Address:- _____

Signature: _____

Official seal/stamp

- (i) Provide duly signed & stamped Performance Certificate (s) along with copy of work order(s) executed during last 03 Years and each project be completed minimum up to 60%.
 Please note that Performance Certificate (s) should be separate for each office/department.

TABLE 'B'
OPERATOR'S CATEGORIES

Constructor's Category	Limit of Construction cost of project (million rupees)	Net worth (million rupees)	Minimum requirement of professional credit points (PCPs)	Minimum requirement of engineers
(1)	(2)	(3)	(4)	(5)
O-A	No limit	150	150	two professional engineers with twenty years of experience each and three registered engineers having supervisory certificate
O-B	Up to 2000	75	100	two professional engineers with fifteen years of experience each and two registered engineers having supervisory certificate
O-1	Up to 1000	30	75	two professional engineers with ten years of experience each and 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