

## KONKAN RAILWAY CORPORATION LIMITED

### NOTIFICATION No.CO/P-R/02/2017

Applications are invited from **eligible land loser candidates** (Self / Sons / Spouse / Unmarried daughters / Grand sons / Unmarried Grand daughters only) whose land has been acquired for Konkan Railway project, irrespective of the percentage of land lost and from **other than land losers**, candidates belonging to all categories (UR/OBC/SC/ST) from the states Maharashtra, Goa and Karnataka only.

Dept.	Category	Pay Scale	UR	OBC	SC	ST	Total
Engineering	Junior Engineer/Civil	Pay Matrix-Level-6 (As per 6th CPC PB-2, Rs 9300-34800 with GP Rs.4200 )	3	1	4	5	13
Electrical	Junior Engineer /Electrical	Pay Matrix-Level-6 (As per 6th CPC PB-2, Rs 9300-34800 with GP Rs.4200)	14	6	3	1	24

The vacancies mentioned above are provisional and may vary as per need of KRCL. Konkan Railway holds all the right to alter the vacancies and other procedure as notified or cancel the recruitment against this notification as it may deem fit. . Instructions, eligibility and other details may be obtained on [www.konkanrailway.com](http://www.konkanrailway.com) under the link Vacancy->Current Notification->Notifications->[Please click here to Apply Online](#). **Applicants have to apply ON LINE model only ,the facility will remain open up to 23.59 hrs of 08/05/2017.** Print out of On line application with Pass port size photo affixed on the space provided , **clearly mentioning the above Notification No. and Post applied for** should reach the office of APO-Recruitment at Belapur Bhavan, Sec-11, CBD Belapur, Navi Mumbai- 400614 on or before 17.30 hours of **09/05/ 2017.**

**Important:**

**i) Candidates are required to apply only through ON LINE model, however a print out of ON LINE application with a passport size photo affixed in the space provided and signed by the candidate in the space indicated is to be sent .**

**ii) Incomplete Application forms or the applications not accompanied with required DD, two attested photos will be rejected.**

**iii) Candidates should read the amended Recruitment Policy of KRCL dated 17.08.2012, which is available on KRCL website.**

**iv) Candidates should read carefully the job description given in the instruction sheet on KRCL website before applying.**

Date: 07/04/2017

Place: Belapur

**Chief Personnel Officer**

**(Required to be submitted at the final stage of selection)**

**UNDERTAKING**

**(Undertaking to be signed by the Land Loser candidate)**

I Shri./Smt. \_\_\_\_\_, S/o, \_\_\_\_\_, who is a sole/joint land owner of land located at Village \_\_\_\_\_, Taluka \_\_\_\_\_, District \_\_\_\_\_, Survey no.s \_\_\_\_\_, hereby certify that, no other member from the family/families of the above sole/joint land is employed in KRCL on the ground of being a landloser, in any form. (For this purpose, the land belonging to the owner(s) in various survey nos. will be considered as a single land holding only and land acquired by Konkan Railway from this would be considered as single land acquisition).

Date : \_\_\_\_\_

Signature of the candidate: \_\_\_\_\_

Place : \_\_\_\_\_

Name of the candidate: \_\_\_\_\_

**TAHSILDAR'S CERTIFICATE**

Date: \_\_\_\_\_

Issuing Office: \_\_\_\_\_

This is to certify that Shri./Smt. \_\_\_\_\_  
S/o Shri./Smt. \_\_\_\_\_ has lost their land for KRCL Project. The details are as under :

Name of Village/Location : \_\_\_\_\_  
Survey No. : \_\_\_\_\_  
Name of land Owner : \_\_\_\_\_  
(as per revenue record before acquisition)  
Name of joint landholders : \_\_\_\_\_  
(if any)  
Total land before acquisition : \_\_\_\_\_  
(including all Survey Nos.)  
Land acquired for KRCL Project : \_\_\_\_\_  
Total land balance : \_\_\_\_\_  
%age of land acquired : \_\_\_\_\_

**Tahsildar  
(Name with seal)**

**KRCL'S LANDLOSERS CERTIFICATE**

1. Name of the Land Loser : \_\_\_\_\_
2. If jointly held, furnish the names of all the joint holders : 1. \_\_\_\_\_  
2. \_\_\_\_\_  
3. \_\_\_\_\_
3. Address : \_\_\_\_\_  
\_\_\_\_\_
4. Description of land and Survey No. \_\_\_\_\_ : 1. Village  
2. Taluka  
3. District
- (a) Total area of place of land affected by KRCL : \_\_\_\_\_
- (b) Total land acquired by KRCL : \_\_\_\_\_
- (c) Area of balance piece of land : \_\_\_\_\_
5. Compensation paid by KRCL : Rs. \_\_\_\_\_
6. Whether State Govt. has allotted any other benefit such as another piece of land in lieu of the land lost. If so please state details. : \_\_\_\_\_
7. Reference to the Land register of LAO's record : \_\_\_\_\_

**Name signature and Designation  
(To be signed by SLAO)**

Date : \_\_\_\_\_

Place : \_\_\_\_\_

Counter signed and certified that the above information is as per KRCL record

## **INSTRUCTION SHEET**

### **1. Eligibility Criteria**

- i) **Land losers** whose land has been acquired for Konkan Railway line Project (Self / Sons / Spouse / Unmarried daughters / Grand sons/ Unmarried Grand daughters only) are eligible.
  
- ii) Other than Konkan Railway land losers candidates belonging to all categories (UR/OBC/SC/ST) from the states of Maharashtra, Goa and Karnataka only.
  
- iii) Employees/Trainees of Konkan Railway are not eligible.

### **2. Educational Qualification**

Full time regular Diploma with not less than 60% marks in aggregate or equivalent CGPA for Unreserved (UR) & Other Backward Caste (OBC) and not less than 50% of marks in aggregate or equivalent CGPA for SC/ST category taking average of all the Semesters/Years, irrespective of the weightage given to any particular semester/year by the Institute/ University. (The total maximum marks and total marks obtained for all years/semesters will be summed up to arrive at aggregate percentage. No rounding off will be done and no weightage will be given to any particular semester or year).

**a) Junior Engineer (Civil):** Full time regular Diploma in Civil Engineering from university/Institute recognised by AICTE

**b) Junior Engineer (Electrical):** Full time regular Diploma in Electrical/ Electronics & Power Engineering or a combination of any sub stream of basic streams of Electrical/ Electronics from recognized university/ Institute.

**Note:** All the qualifications should be with full time regular course/s from AICTE approved / UGC recognized university/ Deemed university. The courses offered by Autonomous institutions should be equivalent to the relevant courses approved/ recognized by Association of Indian Universities (AIU)/UGC/AICTE.

Candidates appearing at and/or awaiting result are not eligible.

**3. Examination fees:** Demand draft of Rs. 200/- in favour of **FA&CAO/KRCL** and payable at Navi Mumbai. The examination fee is non-refundable. **NO Examination fee for SC/ST candidates.**

**4. Age :** The candidates should not be more than **32 years of age on 01/07/2017**. There will be Upper Age relaxation of 5 years for SC/ST candidates and 3 years for OBC candidates.

In case candidates from reserved communities apply against such notification where there is no vacancy for reserved communities, they will be treated as General candidates and no age relaxation will be applicable to them.

## **5. Job Description :**

### **JE/Civil**

1. Maintenance/ Construction of Railway asset like Track/ buildings/Bridges and other structures.
2. Inspection and maintenance of various infrastructures of Corporation
3. Their duty involves day / night as per requirement of Corporation
4. Execution and supervision of works
5. Preparation of estimates and drawings in connection with the work assigned.
6. Has to undergo various training as directed.

### **JE/Electrical :**

- This is a cadre post of Electrical Engineering Department, which is responsible for the maintenance of electrical locomotives, traction distribution-overhead equipments, power supply, train lighting & air conditioning and other electrical assets / service buildings.
- When posted in drawing section, JE(E) shall assist his / her immediate incharge in preparation of drawings, estimation of quantities and preparation of work estimates etc.
- When posted in Traction Rolling Stock, he / she shall assist his / her immediate incharge for both preventive and unscheduled repairs and maintenance of locomotive. At the same time he has to ensure minimum failures and maximum outage.
- When posted in Traction Distribution Department, JE(E) shall assist his / her immediate incharge for preventive & breakdown maintenance of overhead Equipment (OHE) & power supply installations under overall supervision the immediate incharge. He / She has to ensure uninterrupted power supply to the overhead equipment under his jurisdiction of electrified section, round the clock. He / She has to ensure healthiness, readiness and proper upkeep of OHE maintenance vehicle to tackle unusual. He / She is also responsible for managing OHE & PSI depots.
- When posted in Electrical services, JE(E) shall assist his / her immediate in charge in maintenance & operation of all electrical assets of service buildings and station platform under his jurisdiction like, lights, fans, air conditioners, air & water coolers, motor pumps, yard illumination, colony maintenance etc. He / She

is also responsible for maintenance and operation of train lighting & air conditioners of coaching stock under overall supervision of his / her immediate in charge.

- Being supporting supervisor to the In charge of the section, he / she has to deal with the deployment of manpower posted under him / her. He / She has to plan for material and ensure that consumable and required spares are always available. He / She has to prepare various records and registers as per the railway's requirement. Execution / supervision and measurements of the works. He / She shall have knowledge in computer for various day to day working.
- He/she shall have to carry out various inspections as per the rule and regulations for asserting the condition of electrical assets. His / Her duty involves working in day/night as per the requirement of the corporation.

**Note:** Female candidates may kindly note that the all the above categories involve duties which are arduous in nature and call for working in shifts on railway station at odd hours, at road side station and also away from headquarters.

## 6. Mode of Selection

Based on the applications received, eligible candidates will be called for written examination. Corporation reserves the right to restrict the number of eligible candidates based on the merit position.

Written Examination: The written examination shall be held at Navi Mumbai and /or at Regional Centres of KRCL i.e, Ratnagiri, Madgaon , Karwar and Udupi. The details of examination centre shall be intimated to the candidates at the time of call letter.

The written examination will be of two tier - Objective and Subjective types.

- Objective Multiple Choice Questions
- No. of Questions: 150

The objective one will be of 150 marks of 2 hours duration. The distribution is 90 marks-Technical ability & General Science + 60 marks (General Intelligence, Reasoning, General awareness, Arithmetic).

**Negative marking: 1/3 marks will be deducted for each wrong answer in Objective Paper only.**

The Descriptive type will be of 50 marks - ( 35 marks-Professional, 15 marks – Proficiency in English Language ( Precise writing and comprehension)- 1.30 hour duration.

The total marks obtained out of these 200 marks will be converted to 100 as full mark. The minimum qualifying mark will be 60% for all category. No round Off will be carried out. Out of the qualified candidates (those who scored 60% or more ) two separate panels will be formed, one for Land losers and the other for candidates from employment exchange. Panel of employment exchange candidates will be considered after exhausting the number of qualified candidates from Land losers. This will be followed by scrutiny of documents as per merit order.

**Note: The candidates applying for the examination should ensure that they fulfill all eligibility conditions for admission to examination. Their candidature at all the stages of the examination will be purely provisional subject to satisfying the prescribed eligibility conditions.**

## **7. Medical Examination**

The candidates will have to pass the prescribed medical examination as per railways standards to be conducted at the candidate's cost by Konkan Railway Corporation's Medical Authorities. The medically fit candidates will only be considered for recruitment in KRCL. No alternative job will be provided if a candidate selected for a particular category fails to qualify in the prescribed medical test of that category/post.

## **8. Nature & Period of Employment**

Selected candidates will be on training for a prescribed period. The candidates will be required to successfully clear the examination to be conducted at the end of training. .

On successful completion of training and passing the examination, the candidates will be appointed as Junior Engineer in 7th CPC Pay Matrix- Level -6 (As per 6th CPC, CDA Pay scale of PB-2, 9300-34800 with GP Rs.4200/-) and will be on probation for a period of two years. Candidates



will be required to successfully clear the screening for confirmation of their services at the end of the probation period. During training period they will be paid stipend as admissible.

### **9. Posting**

The selected candidates can be posted and transferred to anywhere in the area of operation of Konkan Railway Corporation Ltd, including its project sites present as well as future. However it may be noted that employees of Konkan Railway Corporation Ltd. are not eligible for transfer to other Zones of Indian Railways

### **10..Benefits**

The selected candidates will be eligible for all benefits as given to regular employees of KRCL in the specified pay scale.

### **11.Superannuation**

The age of superannuation for central Govt. employees shall be applicable to KRCL employees which is 60 years at present. The retirement benefits will be given as and if applicable on the date of superannuation.

### **12.Service Agreement Bond:**

The selected candidates will be required to execute a service agreement bond to successfully complete the prescribed training period and thereafter serve the organization for at least five years. If candidates fail to serve the organization or resign from service during training or within a period of five years after the training period, he/she shall have to refund the whole cost of training, cost of boarding and lodging, stipend/pay and allowances of any kind as well as any other amount paid during the period of training with 12.5% as interest on the whole amount.

### **13.How to Apply**

**Candidates are required to apply through ON LINE model only, however a print out of ON LINE application signed by the candidate is to be submitted to Assistant Personnel Officer (Recruitment), Konkan Railway Corporation Ltd, Belapur Bhavan, Sec-11, CBD/ Belapur, Navi Mumbai-400614 on or before 09/05/2017 by 17.30 hrs personally or by registered post. Applications sent to or submitted at other offices of KRCL other than the office of Assistant Personnel Officer (Recruitment) will not be considered.**

**(Note: Konkan Railway is not responsible for any postal delay)**

**14. Documents to be attached with the application :**

- (i) Two attested passport size photographs and one photo pasted on the print out of application form.
- (ii) Examination fee as mentioned above. (Only by DD).

**Land loser Candidates should ensure that the land acquired details and names of land losers are matching in both SLAO and Tahsildar certificates. In case of death of land loser (whose name figures in SLAO and in Tahsildar certificate), legal heir certificate and death certificate should be submitted at the time of final verification if selected.**

**Important Note:**

1. **A Signed hard copy of the filled ON LINE application** should be sent by Registered Post or delivered in person on working days so as to reach the above mentioned office before closing date of **09/05/2017** by **17.30 hrs.** Applications received after this date/time will not be entertained. Konkan Railway will not be responsible for any postal delay.

*2."KRCL will carry out verification of eligibility conditions with reference to original documents only after the candidates have qualified in all the stages of examinations. KRCL may reject the applications of candidates at any stage of recruitment process in case the candidates are not fulfilling the requisite criteria and if appointed such a candidate(s) is/ are liable to be removed from service summarily."*

3. **Applications not accompanied with two attested passport size photos, without a passport size photo being pasted on relevant space of PRINT OUT of On line form or submitted without DD (not for SC/ST), incomplete applications will be summarily rejected. No further correspondence in this respect shall be entertained.**
4. **Candidates are warned that submission of false information will render them liable for immediate dismissal, if selected without any notice or disciplinary action.**

5. Konkkan Railway holds all the right to alter the number of vacancies and other procedure as notified or cancel the recruitment against this notification as it may deem fit without citing any reason.
6. **ANY KIND OF CANVASSING WILL RESULT IN DISQUALIFICATION OF CANDIDATE AT ANY STAGE OF SELECTION WITHOUT ASSIGNING ANY REASON. NO FURTHER CORRESPONDENCE WILL BE ENTERTAINED IN THIS REGARD.**
7. **NO CORRESPONDENCE WILL BE ENTERTAINED FROM OR ON BEHALF OF INELIGIBLE CANDIDATES.**
8. **KONKAN RAILWAY HAS NOT NOMINATED ANY AGENT/S FOR RECRUITMENT. CANDIDATES SHOULD NOT FALL PREY TO ANY FALSE PROMISES MADE BY ANYONE. DOING SO WILL BE AT THEIR OWN RISK AND THE CORPORATION IS NOT RESPONSIBLE FOR IT.**

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### **JE (ELECTRICAL)- SYLLABUS FOR WRITTEN TEST**

#### **A Technical:**

1. Different systems of Power Generation — basic knowledge, merits & demerits.
2. Power Distribution System: over head & under ground systems, construction & maintenance practices, classification of voltages.
3. House / domestic wiring & industrial wiring: Single phase and three phase distribution, two way circuits, testing & energisation procedures.
4. Electrical Substations — Schematic line diagram, working principles, functions of Transformers, CT & PT units, Circuit Breakers, Gang Operating Switches, Drop Out Fuses, MCBs, MCCBs, Change Over switches, their maintenance, troubles & trouble shooting, concept of maximum demand, connected load, demand factor, diversity factor, power factor, energy tariff. Power shut down procedures. Tests of transformers & conditions of parallel operation. Power factor improvement methods.
5. Earthing of Electrical installations and its importance, types of earthing, measurement of earth resistance, maintenance of earthing systems.
6. Safety requirements while working on Electrical installations, checks to be carried out before commissioning of new electrical equipments / installations. Reporting & dealing

of electrical accidents, electric shock, shock treatment, extinguishing of electrical fires & knowledge of use of fire extinguishers, Indian Electricity Rules & Act.

7. AC & DC circuits, Ohm's Law, Krichhoff's Law, series parallel circuits, laws of magnetism, electromagnetic induction, Fleming's rules — left hand & right hand, current, voltage, resistance, power, energy, HP. Calculation of energy consumption.

8. Cables, wires, insulators, insulation resistance, insulating materials, different types of joints -basic knowledge. Laying of cables, faults in cables & identification methods.

9. Illumination — fundamentals of illumination, types of lamps & accessories and their applications. Concepts of various lighting schemes - indoor lighting, street lighting & yard lighting etc. Energy efficient lighting systems.

10. Pumps — Working principle, types of pumps, their applications & selections, starters, over load relays, single phase preventer- wiring diagram, trouble shooting.

11. AC Machines: working principle & construction of alternators and various type of AC motors, starters- DOL and star-delta, their wiring / connection diagrams.

12. DC Machines: working principle, construction & characteristics of generators, DC Motors, starters & their wiring / connection diagrams.

13. Cells & batteries: rechargeable dry cells, lead acid cells, VRLA cells, SMF batteries, battery charging, recording of specific gravity and voltage, maintenance of batteries & battery chargers.

14. Basics of air conditioning, refrigeration cycle, working principles of refrigerator, water coolers, fans, air conditioning units, power supply connection wiring diagrams. Refrigerants and their properties.

15. Working principle and applications of Electrical measuring instruments like Megger, Earth Tester, Lux meter, Ammeter, Voltmeter, Anemometer, Kwh meter, Multimeter, Watt-meter.

16. Energy auditing, energy conservation measures, Global warming, Green energy.

**B. Mathematics:** Knowledge of std. X level

**C. Knowledge of English,** grammar of std. X level.

**D. Reasoning, Aptitude and General Knowledge**

**JE (Civil)- SYLLABUS FOR WRITTEN TEST**

**Applied Mechanics, Strength of Materials, Hydraulic Engineering, Surveying, Irrigation Engineering, Public health Engineering, Road, Railway & Bridge Engineering, Concrete Technology, RCC & Steel structures, Soil Mechanics, Construction Technology & Construction Management.**

**General English & Mathematics (Standard-X level), Basic Science (Standard-X level), Reasoning, Aptitude and General Knowledge, Current affairs.**

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