

East Coast Railway

Office of the
Principal Chief Personnel Officer
Railway Sadan, South Block
Bhubaneswar

No. ECoR/Pers/04/Engg/JE(Works)/Selection (DPQ)/25%

Date. 10.2.2022

NOTIFICATION

Sub: Selection for promotion to the post of JE(Works) in pay Matrix Level-6 against 25% DPQ in Civil Engineering department of ECoR/HQ Office.

It has been decided by the competent authority to call for option applications from willing and eligible staff of Civil Engineering (Works wing) department of ECoR/HQs, all divisions, CRW/MCS, staff working in construction organisation, RE/BBS and CRW/MCS having lien in division for filling up the vacant post of JE(Works) in Level-6.

1. **VACANCY:** 01 (One) UR
2. **ELIGIBILITY CONDITIONS:** Sr.Technicians in pay Matrix in Level-6 in Works wing of Engineering departments are eligible. However, in the event of unwillingness or non-availability of Sr.Technicians, Technician-I in pay Matrix Level-5 who have completed 2 years regular service will also be eligible.
3. **MODE OF SELECTION:** (A) The mode of selection on the basis of seniority-cum-merit adjudged by written examination, evaluation of SR/APARs of last three years and seniority. Eligible candidates will be called for the written test as per their seniority on the basis of 1:3 ratio. The promotion to the post of JE(Works) is subject to being declared medically fit in A-3 (Aye three) and passing mandatory promotional course training wherever applicable.
(B): Candidates have to secure minimum 60% marks in written test and 60% in aggregate will be empanelled. There will be no relaxation in marks for SC/ST candidates.
(D): Only those who secure the prescribed percentage of qualifying marks in the written examination will be subjected to scrutiny of service record /APAR. The panel to be prepared in the order of seniority from those qualified and as per vacancy.
4. **WRITTEN EXAMINATION:** (A): There will be 110 questions (including 10 questions for official language policy & guidelines) of objective multiple choice types with four answer options as A, B, C & D. Candidates have to answer a maximum 100 questions. In case of candidate answers more than 100 questions, first 100 attempted questions are to be taken for evaluation. The answers are to be marked on OMR answer sheet and the OMR answer sheet will be evaluated manually.

(B): The duration of written examination is of 02 (Two) hours. No Electronics gadgets are allowed in to Examination Hall. The candidates are not allowed to leave their seat during the two hours of Examination period. They should be prepared not to leave during two hours period before entering to Examination Hall. The question paper of the written examination will be bilingual i.e English and Hindi.

(C): Cutting, over writing, erasing or alteration of any type in answer will not be accepted and zero mark will be given for answer having correction/overwriting. There is no negative marking for incorrect answers.

GENERAL INSTRUCTION: (A) Any candidate found using unfair/indiscipline means of any kind in the examination, D&AR action will be taken against him/her as per extant rule.

(B) Electronic gadgets like Mobile phones, blue tooth, pen drive, laptop, calculators, wrist watch or any other communication devices wallet/purses are strictly not allowed inside the Examination hall. If during the examination period any of the electronics items are found from the candidate D&AR action will be taken as per extant rules. So, candidates are advised in their own interest not to bring any of the items including mobile phones etc to the venue of the Examination as arrangements for safe keeping cannot be assured.

CLOSING DATE: The closing date of option applications by the staff to their controlling Officers is 10.03.2022. Applications received after 10.03.2022 will not be entertained. Candidates are advised to exercise their option applications through their controlling Officers. Staff working in RE, Construction organisation having lien in division may apply through their Controlling Officer to the concerned personnel officer of the division. Controlling Officers are advised to forward the option application to concerned Personnel Officers within 7 days from the date of receiving option applications.

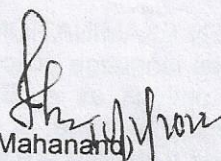
The Personnel officer after verifying service particular may forward the option application to PCPO/ECOR in a bunch arranging names as per seniority in the following format by 10.03.2022.

Srl. No	Name of the applicant	DOB	PF/Employee No.	Dt. of initial appointment / Desig.	Seniority Date			
					Tech-III	Tech-II	Tech-I	Sr. Tech
1								
2								

CGE, DRM(P) – WAT, SBP, KUR and SPO(RE/BBS), SPO(Con)/BBS, WPO/CRW/MCS are requested to give wide publication of the Notification.

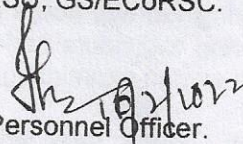
A copy of syllabus along with application format is enclosed herewith for wide circulation. This is also available in ECoR web site also.

Encl: Copy of syllabus and application format.


(H.K. Mahanand)

Dy. Chief Personnel Officer (Gaz)
For Principal Chief Personnel Officer.

Copy forwarded to PCE/ECOR/BBS, CGE/ECOR/BBS, DRM(P)/WAT, KUR, SBP, WPO/CRW/MCS, SPO(Con)/BBS, SPO(RE)/BBS, GS/ECORSU, GS/ECORSC.


For Principal Chief Personnel Officer.

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Annexure-6 B

Syllabus for selection to the post of Junior Engineer (Works) category
Non-Safety Category
Pay Band-II, Grade Pay-Rs.4200/-

- (i) Works:-
- (a) Duties of ADEN, SSE(Works) and Co-ordination with other Co-Inspectors and attending higher official inspections.
 - (b) Inspection and maintenance of buildings, railway colonies, station buildings and yards, Roof leakages and special treatment for roof leakages.
 - Periodically maintenance of works.
 - Measurement registers for buildings.
 - Sanitary arrangements in stations and colonies.
 - Disinfections measures.
 - (c) Passenger amenities, stations and yards.
 - Categorization of stations.
 - Minimum essential amenities.
 - Recommended level of amenities.
 - Desirable amenities.
 - (d) Water supply :
 - Estimating the requirements of water for various uses such as staff quarters, service buildings, Hospitals, railway stations, carriage filling etc.,
 - Sources of supply : Open wells, Deep tube wells, impounding reservoirs, Infiltration galleries and wells. Estimating the storage capacity, in take arrangements, disinfections.
 - Pumps : Type and selection of pumps, capacity of pumping, Pump horsepower.
 - Pipelines : Laying of pipelines, valves and meters, quality of water, disinfections of water, residual chlorine.
 - Lay out of distribution system, rising mains, service pipes from mains, carriage watering system.
 - Standards of quality of drinking water.
 - (e) Drainage and sewerage:
 - Alignment of sewerage, choice of material for sewerage, laying of sewer pipes, sewage disposal, septic tanks, aqua privy latrines, bio latrines, recommended toilet systems.
 - (f) Land management :
 - Leasing and licensing of railway land, land boundary verification register, encroachment inspection register, land plans, acquisition of land, relinquishment of railway land, Fixing of boundary post, eviction of encroachments.

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- (g) Horticultural works:
 - Maintenance of lawns and gardens, nursery, planning for plantation.
- (h) Preparation of Plans and Drawings:
 - Sizes of drawings, symbols and colors on drawings, abbreviations, borders, completion drawings.
- (i) Schedule of dimension.
- (ii) Surveying:
 - (a) Knowledge about leveling instruments and Theodolites.
 - (b) Temporary and permanent adjustments of dumpy level and theodolites.
 - (c) Leveling, plotting of cross sections, fixing bench marks.
 - (d) Plain table surveying,
- (iii) Concrete Technology:
 - (a) Ingredients of concrete:
 - Cement, physical and chemical properties of cement, grades of cement, different types of cement, uses of different cement, storing and protection of cement.
 - Coarse Aggregate : Physical and chemical properties of aggregates, grading of aggregates, quality of aggregates, different types of stones used for aggregates, limits as per IS: specifications.
 - Fine Aggregate : Grading of aggregate, specific gravity, silt content limits as per IS: specifications.
 - Water : Quality of water used in concrete works and their standards.
 - Admixtures: Types of admixtures, their usage and determination of dosage.
 - Mixing of Concrete, Transportation of concrete, Laying of concrete.
 - Slump, requirement of slump for different works and determination.
 - Water cement ratio-definition and requirement for different works.
 - Determination of quality of concrete. Both destructive and non-destructive methods, Ready mixed concrete.
 - (b) RCC: Specifications for Reinforcement.
 - (c) PSC : Principles of PSC, different methods, grades of concrete used, stressing methods and operations, different losses, grouting.
 - Specifications of HTS wires/tendons.
- (iv) Construction Materials:
 - (a) Brick Masonary : Specifications of Bricks, types of bonds, types of joints.

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- (b) Stone Masonary : Types of masonaries used, bond stones, precautions.
- (c) Flooring : Specifications and construction of ordinary concrete flooring, marble flooring, kota stone flooring, terrazzo flooring.
- (d) Wood work : Types of wood used for doors and shutters, different types of shutter used in railway and their specifications, Checking the quality of wood.
- (e) Plastering : Specifications of different plasterings.
- (f) Estimating the cement requirement for different works and different proportions.
- (v) Soil Mechanics:
 - (a) Classification of soils.
 - (b) OMC & MDD and its determination in field as well as laboratory.
 - (c) Compaction and consolidation, methods of compaction.
 - (d) Foundations.
- (vi) Accounts :
 - (a) Importance of DMTR, ledger, challans, etc.,
 - (b) Stock verification and stock sheets.
 - (c) Accounts & Audit inspection.
 - (d) Proposal and different estimates.
 - (e) Tender, Tender notice, tender documents/schedule contract, contract agreement.
 - (f) On account bills, final bill and material statement and completion report.
 - (g) M.book.
 - (h) Schedule of rates.
- (vii) Establishment:
 - (a) Leave rules, pass rules.
 - (b) DAR, minor penalties, major penalties, suspension.
 - (c) Retirement benefits.
 - (d) HOER.
- (viii) Rajbhasa:
 - (a) Linguistic criteria, Concept behind implementation of official language.
 - (b) Types of Hindi examinations conducted and incentives offered.
 - (c) Hindi as official language.
- (ix) Manuals:
 - (a) Knowledge about various manuals IRPWM, IRWM, IRBM & Engineering code.

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To

PCPO/ECOR/BBS

Application format for selection to the post of JE(Works) in Pay Matrix Level-6 against 25% DPQ in Civil Engg. deptt. of ECoR/HQ/BBS as per PCPO/BBS' Notification No. ECoR/Pers/04/Engg/JE(Works)/Selection (DPQ)/25% dated: 10.02.2022.

(Last Date of receipt of this form in PCPO's Office is 10.03.2022)

1	Name (In capital Letters)	:	
2	Father's Name	:	
3	Present Designation/Station (Substantive)	:	
4	Lien maintaining Divn./Rly.	:	
5	Pay Matrix Level (Substantive Only)	:	
6	Community (UR/SC/ST as per service record)	:	
7	Date of Birth	:	
8	Date of Initial appointment/category on regular measure.	:	
9	Date of regular posting as Sr. Technician & effective date of seniority.	:	
10	Effective date of seniority as Tech-I	:	
11	Effective date of seniority as Tech-II	:	
12	Effective date of seniority as Tech-III	:	
13	Employee Number/ PF Number	:	
14	Employee's contact Number	:	

I hereby undertake that the information furnished in the application are correct and true to the best of my knowledge and belief. In case, any irregularity is found, my candidature is liable to be cancelled without any notice and I am liable for D&A action.

Place:

Date:

Signature of the Candidate

Signature with seal
of Controlling Supervisor

Controlling Branch Officer (concerned)

It is certified that the above particulars of the candidate have been verified along with the entries made in his original service record and found correct.

Signature of the Personnel Officer at
Concerned Unit/Divn/Work shop

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Office of the
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No. ECoR/Pers/04/Engg/JE(Works)/Selection (DPQ)/25%

Date. 11.2.2022

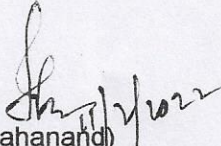
CORRIGENDUM

Sub: Selection for promotion to the post of JE(Works) in pay Matrix Level-6 against 25% DPQ in Civil Engineering department of ECoR/HQ Office.

Ref: This office Notification vide letter No. ECoR/Pers/04/Engg/JE(Works)/Selection (DPQ)/25% Dated 10.2.2022

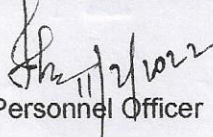
The 2nd Para of the closing date of above referred notification wherein it is mentioned that the Personnel officer after verifying service particular may forward the option application to PCPO/ECoR in a bunch arranging names as per seniority in the following format by 10.03.2022.

In partial modification of the date regarding forwarding of option applications by Personnel officers to PCPO/ECoR office the date may be read as 25.03.22 instead of 10.03.22.


(H.K. Mahanand)

Dy. Chief Personnel Officer (Gaz)
For Principal Chief Personnel Officer

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For Principal Chief Personnel Officer