



सत्यमेव जयते

दक्षिण पश्चिम रेलवे- SOUTH WESTERN RAILWAY
Office of the Sr.Divisional Personnel Officer,
Personnel Department,
Mysuru-570001.



Y/P.608/I/ENGG/JE.P.WAY/LDCE/VOL-III (13157)

दिनांक / Dated:10.04.2023.

ADEN/MYS, ASK, SKLR, SMET, DVG, CTA
 SSE/P.WAY/MYS,KRNR,HAS,ASK,TTR,SMET,SRF,HAS-SKLR@HAS
 SSE/P.WAY/SHV,DVG,RNR,HPI,CTA,MOMU,SKLR,KBPR
 SSE/BRI/MYS & SKLR, SSE/W/MYS, DVG, HAS, ASK, KBPR, SKLR, CTA

विषय Selection for the post of JE (P.Way) in Level 06
 Sub : against 20% LDCE Quota.

It is proposed to hold a selection to the post of Junior Engineer (P.WAY) in Level 06 in Engineering Department , MYS Division against 20% LDCE Quota. The number of vacancies and the communal break up vacancies assessed are as under:-

UR	SC	ST	Total
04	02	01	07

Applications in the prescribed Proforma are called for from the employees belonging to the following categories:-

- (1) Volunteers from Track maintainers of all grades, Civil Engineering Department, MYS Division & Track maintainers in all grades whose seniority is maintained in the seniority unit of MYS Division.
- (2) Volunteers from the employees belong to categories of USFD staff, Blacksmith, Hammer man, Welder, Moulder, Aligner, Painter, Carpenter etc working on P.WAY side who are in the level of below 06.
- (3) Artisan Helpers presently working in P. Way cadre and who have experience of working in P.Way Side for three (3) years, provided they fulfill educational qualification and other eligibility criteria for the post.

(4) Eligibility conditions : -

- a) Volunteers should be in the Level below 06.
- b) They should have completed 03 year regular service in P.WAY side on the date of notification.
- c) They should have educational qualification of 10+2 Pass at least with three subjects of Mathematics, Physics, Chemistry and Computer science or they should have qualification of Diploma in Civil Engineering / Civil Engineering (Transportation). All Diplomas should have recognition/ affiliation of AICTE. They should possess the educational qualification as on date of notification.on date of notification.
- d) Volunteers should be in the age of below 47 Years as on date of notification.
- e) Three years regular service will not include the 3 years training period for the candidates appointed as Tech-III in the artisan categories.

Selection procedure : - The selection comprises of written test either through "CBT" or Pen & Paper" Mode. The syllabus for the written examinations consist of Paper I & II which are enclosed at Annexure – A1 & A2.

Scheme of Examination :-The scheme of selection comprises of Written Examination only . However the empanelment of the candidate will be subject to the condition mentioned in below.

Sl. No	Prescribed paper	Maximum Marks	Qualifying Marks	Remarks
1	Paper – I & II as per the syllabus in Annexure A1 & A2	100	60	Those who secure 60% marks and above in the written examination will alone be considered for further empanelment process of the securing of 60% in aggregate i.e., written test and record of service is the criteria for placing on the panel subject to the extent of vacancy notified. Empanelment is purely on the basis of merit. There is no relaxation for employees belonging to the reserved community since the post is classified as safety post.
2	The allotment of marks under various heads for being placed on the panel as per Para 219(i) of IREM-Volume I Reprint 2009 is as under :-			
	a) Professional ability	50	48	
	b) Record of service	30		

The written test consist of questions in objective type.10% of the marks shall be on Official Language. In terms of RBE.No.196/14.12.18, the following is the instructions in regard to the pattern of question paper.

- 1) The questions will be 100% objective type.
- 2) All the questions will be of multiple choices only.
- 3) Administration may conduct examination either in CBT mode or pen & paper depending on the preparedness.

There shall be negative marking for incorrect answers. One third of the marks allotted for each question will be deducted for wrong answers.

The duration of the written examination is 02 hours in terms of RBE.No.97/2019.

There shall be no erasing, cutting or overwriting in the answers to the questions. Questions answered with erasing, cutting or overwriting will not be taken up for evaluation.

Those staff who are eligible should submit their applications in the proforma prescribed (enclosed) to their supervisory official on or before **02.05.2023**. It may please be noted that the controlling officials have no discretion to entertain any application beyond **02.05.2023**. While forwarding application to Sr.DPO/O/MYS, controlling official signing should invariably affix the date under signature. Controlling Official should forward the application on or before **08.05.2023** certain. PB Clerks should verify the correctness of application of the employees received at their end and ensure the correctness of the particulars furnished in the application of the individual employees. Incomplete applications without the enclosures will be summarily rejected.

Employees have the option of answering written examination either in Hindi or English. Employees who wish to answer the application in Hindi should mention the same in their application.

Those who are eventually considered for posts as JE (P.WAY) have to undergo 12 months training. During the period of training, they will enjoy the same privilege and status of category from which they are selected or to fix their pay on the stipendiary scale. There will be no supplementary written examination for the above selection.

Above notification may please be given wide publicity among all concerned staff working under your control. Applications of the eligible volunteers who fulfill the conditions mentioned above may please be sent in one bunch, so as to reach this office on or before **08.05.2023** certain.

Applications received at the P.WAY Unit after **02.05.2023** and applications received after **08.05.2023** in this office, applications which are incomplete will not be entertained at all.

Applications received after due target date, will not be entertained under any circumstances.

Encl : Application,Annexure-B1,B2,C

Digitally Signed by

Mayaganna M G

Date: 11-04-2023 12:07:33

(एम जी मायगान्ना Reason:Approved)

मंकाधि / मैसूरु / DPO-I/ MYSORE.

कृते वरि.मंकाधि / मैसूरु / for Sr.DPO/MYS.

Copy to: Dy.CE/CN/BNC, Sr.DEN/Co-Ord/MYS,

Copy to: Sr.DEN/W/MYS, Sr.DEN/N/MYS, DEN/Central/MYS, Dy.CPO/CN/BNC

Copy to: Ch.OS/Prime & IPAS, CS&WI, Confidential Section

Copy to: Divl.Secy.SWRMU/MYS division

Copy to: Divl.Secy.AI SC/ST Assn/MYS division

Copy to: Notice Board

Instructions to the employees volunteering for the post of JE/P.Way in Level-06 under 20% LDCE.

- 1.** Employees working in the Permanent Way side working in the identified categories only eligible to volunteer for post of JE.P. (WAY) under LDCE Quota.
- 2.** There shall be no supplementary written examination as only volunteers are called for.
- 3.** The post of JE/P.Way is a selection post and minimum qualifying marks is 60% and there shall be no relaxation for employees of reserved community, since the post is classified as “safety category” post.
- 4.** Volunteered employees of reserved community will be imparted pre-selection training for 21 working days preferably at Training center.
- 5.** List of eligible employees, Training schedule for employees from reserved community along with date of written examination will be advised in due course
- 6.** Applicants may also visit website www.swr.indianrailways.gov.in for notification, application form Annexure-‘A’, syllabus for paper I & II is enclosed as Annexure-B2 & B2 and instruction to the candidates Annexure-‘C’ eligible list of employees of reserved community for the pre-selection training and written test.
- 7.** Question paper will be in bilingual and option exists to the employees to answer either in English or in Hindi.
- 8.** The written examination will consist of two parts. Part –I & Part –II, the total maximum marks for both parts put together is 100. The candidate has to secure minimum marks of 60 in the written examination.
- 9.** The written test shall comprise of both objective and narrative. 10% of the marks shall be on Official Language.
- 10.** There shall be negative marking for incorrect answers. One third of the marks allotted for each question will be deducted for wrong answers.
- 11.** There shall no erasing, cutting or overwriting in the answer to the objective type questions.
- 12.** Empanelment shall be purely on the basis of merit.

PAPER-I

(General knowledge, basic engineering & other railway relevant topics)

1. General ability and computer knowledge.

This paper contains question based as to test the knowledge of candidates, which they would acquire by general observation/reading without a specific study or detailed knowledge of text books. The paper should also contain questions on topics of national importance, achievements of Railway as also question which will test the awareness of candidates to developments which are taking place. Some questions will be on basic of computer knowledge.

2. Soil Mechanics

Elements of soil mechanics, physical properties of soil, compaction, field methods of compaction stabilization of soils, specifications and construction of earth work in embankment and cuttings, Side and catch water drains.

3. Surveying

i) **Chain and Compass Survey**- basic principles, base lines, check lines, tick lines, perpendicular and oblique offsets , conventional signs, plotting of survey, true and magnetic bearings, open and closed traverses, recording plotting of traverse, closing errors.

ii) **Plane Table Survey**-plane table outfit, methods of radiation, intersection and traversing, contouring with plane table using telescopic alidade merits and demerits. Leveling-Level Lines-Datum, bench marks, simple levelling, fly levelling, recording the levels in field book method reducing levels, arithmetical check, Longitudinal and cross section contouring.

iii) **Theodolite Survey**- Types of theodolites, measurement of horizontal angles, vertical angles, magnetic bearings and deflection angles prolonging straight line, traversing by method of included angles, balancing the survey closing errors, calculations of latitude and departure, use of theodolite as a tachometer.

iv) **Curves** – Elements of Simple circular curves, setting out simple circular curves, different methods.

4. Establishment & finance matters pertaining to P.Way staff : Conduct rules, Discipline & Appeal rules, pass and leave rules, Factories act, Payment of wages act, Workmen compensation act, Hours of work and period of rest, retirement benefits etc.

5. Stores matters in P.way

DMTR, Field book, MAC account, P.way stores transactions, accountal and verification, classification of P.Way materials and disposal of scrap.

6. Official language policy and rules.

PAPER-II

(P.Way Engineering)

1) Duties of P.Way staff.

Duties of Asst.Engineers, duties SSE/P.Way, JE/P.WAY,Track maintainer I to IV patrolmen and Gate keepers

2) P.Way components including track renewals

Rails,Sleepers, welds, Fastenings, Points & Crossings Formation, Functions, maintenance and track renewals,

3) Inspection and monitoring of Track.

Inspection schedules, OMS, TRC, TGI, Track monitoring and TMS.

4) Construction and maintenance of P.Way

Laying of new tracks, systems of maintenance:- Over-hauling, systematic through packing, picking up slacks, Directed track maintenance, miscellaneous works, lifting and lowering of track screening of ballast, maintenance of drains, lubrication of rail joints, adjustment of creep, maintenance of level crossing, maintenance of point and crossing special maintenance Works.

Maintenance of curved track and realignment of curve, curvature transitions, super elevation of curves, safe speeds cant deficiency, speed on curves with turnouts, realignment of curves, methods.

5) Laying and maintenance of LWR track

Maintenance of short welded rails, long welded rails and continuous welded rails, maintenance in electrification section, special precaution, maintenance of track circuited sections, special precautions.

6) Mechanized maintenance of track including small track machines.

Need for mechanization, model of mechanized maintenance.

3 tiers system of track maintenance, Working of MMUs.

Small track machines: types, use in maintenance, spot attention with off track tampers, Troubleshooting and system of repairs & maintenance, pre-requisites to tamping and other machine works.

Pre & Post and during attentions for tamping and machine working

Design mode tamping: survey and procedure of tamping.

7) Working of Trollies, Lorries, Materials trains and protection

Engineering restrictions and indicators, works of short duration, work of long duration, Temporary engineering fixed signals, Equipment on trollies and lorries working of trollies and lorries,

Ballast and material trains, General rules for working.

File No.SWR-MYS0PERS(ENGG)/71/2020-O/o CHOS/ENGG/PG/PER/MYS/SWR
Application to the post of JE/P.Way in Level-6 against 20% LDCE quota in P.Way
Wing of Civil Engineering Department, MYS Division.

1.	Name in Block Letters	:	
2.	PF No./NPS No,HRMS ID	:	
3.	Father's Name	:	
4.	Date of Birth	:	
5.	Mobile No	:	
6.	Age as on Date of Notification	:	
7.	Date of Appointment (Regular)	:	
8.	Present Designation & Grade Pay	:	
9.	Date of Entry to present Grade Pay	:	
10.	Length of total service in P.Way Wing	:	
	Track maintainer Gr.IV		Track maintainer Gr.III
	Track maintainer Gr.II		Track maintainer Gr.I
11.	Office/Unit working	:	
12.	Whether SC/ST	:	
13.	Academic/Tech. Qualification as entered in service register (certified copies in support of Education, Qualification are to be enclosed)	:	

Place:

Date:

Signature of the applicant

Office :

Date:

Forwarded to Sr.DPO/MYS, Certified that the above particulars from 1 to 13 have been verified and found correct.

Signature of the Controller Officer