



बीईएमएल लिमिटेड BEML LIMITED

(भारत सरकार का उपक्रम) (A Govt of India Undertaking)

CIN: L35202KA1964GOI001530

BEML Soudha, 23/1, 4th Main, Sampangirama Nagar, Bangalore-560 027, INDIA

RECRUITMENT OF EXECUTIVES FOR METRO & COMMUTER RAIL BUSINESS

(Advt. No: KP/S/10/2024 Dt. 24.07.2024)

BEML Limited, India's leading multi-technology company under the Ministry of Defence, has successfully spearheaded with its realm of producing world-class products over the last six decade, mainly for core sectors- Defence & Aerospace, Rail & Metro, Power, Mining & Construction through its state-of-the-art manufacturing facilities. To further build country's promising projects, namely - Vande Bharat sleeper trains, Metro rail coaches, High mobility & Armoured recovery vehicle, Special application Engines for Defence, AI-based high-end mining equipment, BEML Ltd welcomes interest from career-oriented professionals who wish to achieve great future with us and explore "New Frontiers, New Dreams" for tomorrow.

Details of the Positions:

1	2	3	4	5	6
Position Code	Position	Vacancy	Qualification	Post Qualification Experience (PQE)	Indicative Job Description
(101)	Assistant Manager (Gr. III) Vehicle control circuit Design	2	First Class Degree in Electrical Electronics Engineering from a recognized University / Institution.	Minimum Experience of 4 Years in Electrical circuits and hardware and logical circuits etc., electrical tool experience is desired	The incumbent will be responsible for the <ul style="list-style-type: none">• Design of electrical low voltage circuits and Logical circuits for rolling stock.• Release of cable harness charts for production team.• Design validation in Prototypes• Preparation of design documents and obtaining clearance.
(102)	Engineer (Gr. II) Vehicle control circuit Design	4	First Class Degree in Electrical Electronics Engineering from a recognized University / Institution.	Minimum Experience of 2 Years in circuit design & Modification activities of Rolling Stock, Loco or Rail product, Preferable exposure to Drafting Tools like, E-plan, E3, Auto CAD, Harness modules.	The incumbent will be responsible for Electrical Production Equipment (Earth Brush, TRCC), Lighting Systems & HECP and the preparation of Electrical Drafting through E-Plan.
(103)	Assistant Manager (Gr. III) Outfitting Design	1	First Class Degree in Mechanical Engineering from a recognized	Minimum experience of 4 years in interiors of rail / metro like Interior panels, drivers cab, Seats, berths etc. Knowledge of CATIA is required	The incumbent will be responsible for the Design of interiors like GFRP panels, Drivers cab, Nose cone and the Design of seats, berths and partitions.



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Position Code	Position	Vacancy	Qualification	Post Qualification Experience (PQE)	Indicative Job Description
			University / Institution.		
(104)	Engineer (Gr. II) Outfitting Design	5	First Class Degree in Mechanical Engineering from a recognized University / Institution.	Minimum experience of 2 years in mechanical design, exposure to GFRP materials, Rubber material and vehicle interior designing is preferred. Knowledge of Rail industry EN and UIC standards will be an added advantage. 3 Years of experience in CATIA, AutoCAD and hand on exposure of simulation tools like Hyper-mesh, LS Dyna and Nastran is preferred.	The incumbent will be responsible for the Design of Interior Panel, HVAC, Coupler & Interface, Cab Mask & Cab Equipment Design(Driver Seat, Cab Desk) and will also be responsible for the Procurement Process.
(105)	Assistant Manager (Gr. III) Propulsion/ APS	4	First Class Degree in Electrical (or) Electronics Engineering from a recognized University / Institution. M. Tech in Electrical Engg., will be an advantage.	Minimum Experience of 4 Years in Design, Testing & Validation of Propulsion system, Exposure to APS, Traction Motor, Traction Transformer and other Propulsion System Aggregates. Exposure to SEC simulation, Auxiliary Load Calculation.	The incumbent will be responsible for the <ul style="list-style-type: none"> • Design coordination with Propulsion Supplier and APS load calculation and SEC. • Study of customers' rolling stock requirements and preparation of functional requirement specification of Traction drives and controls. • Preparation of design documents and obtaining relevant clearances.
(106)	Manager (Gr. IV) Signalling/ EMC/ PA/PIS/ TCMS	2	First Class Degree in Electrical (or) Electronics Engineering from a recognized University / Institution.	Minimum Experience of 8 Years in Network, Logical, data and communication Interface with dynamic systems, knowledge in EMI/ EMC	The incumbent will be responsible for the <ul style="list-style-type: none"> • Study of customers' rolling stock requirements and preparation of 'Software/ Functional Requirement Specifications' of PA/PIS and TCMS and 'EMI/EMC tests documents relevant to Rolling stock standards'. • Engaging consultancy to carry out EMI/EMC tests on Rolling stock at sites. • To study, documentation



1	2	3	4	5	6
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					and execute Interface activities between Rolling stock and Signaling. • Preparation of design documents and obtaining relevant clearances.
(107)	Assistant Manager (Gr. III) Signalling/ EMC	1	First Class Degree in Electrical (or) Electronics Engineering from a recognized University / Institution.	Minimum Experience of 4 Years in Design, Testing & Validation of Propulsion system, Exposure to TCMS, Signaling & Telecom Interface, EMC Analysis & Testing.	The incumbent will be responsible for the Signaling Interface activities with Designated Signaling Contractors for ICD preparation, Field Trails and Validation
(108)	Engineer (Gr. II) PA/ PIS	1	First Class Degree in Electrical (or) Electronics Engineering from a recognized University / Institution.	Minimum Experience of 2 Years in Design, Testing & Validation of Communication system. Exposure to Papis, CCTV, Train Radio Aggregates. Exposure to On-board Train Communication & Networking and interface with TCMS, Signaling & Telcom system over Ethernet platform.	The incumbent will be responsible for the Design of PA/PIS System, Interface with Signaling & TCMS supplier.
(109)	Assistant Manager (Gr. III) TCMS	2	First Class Degree in Electrical (or) Electronics Engineering from a recognized University / Institution.	Minimum Experience of 4 Years in Design, Testing & Validation of TCMS. Exposure to TCMS interface with onboard sub-systems such as Signaling, Train Radio, Propulsion, Brake, Papis & CCTV etc. Exposure to Consist & Train network; Train to Ground Communication and GUI for TCMS VDU, RSC etc.	The incumbent will be responsible for the Design Coordination with TCMS supplier and Subsystem interface.
(110)	Engineer (Gr. II) Wayside	1	First Class Degree in Electronics and Communication Engg. Discipline from a recognized	Minimum Experience of 2 Years in Design, Testing & Validation of TCMS. Exposure to onboard & wayside monitoring systems of rolling stock assets such as Track,	The incumbent will be responsible for the design of Wayside & On board condition Monitoring systems and coordination for interface with TCMS, Signaling, OCC and



1	2	3	4	5	6
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			University / Institution.	OHE, Pantograph, Carbon strip etc. Exposure to TCMS Interface, Train to Ground Communication, Wi-Fi Network setup, Interface with other Depot Assets, ERP Management system etc.	For TCMS Wi-Fi Network Commissioning.
(111)	Assistant Manager (Gr. III) System Engineering	1	First Class Degree in Mechanical Engineering from a recognized University / Institution.	Minimum Experience of 4 Years in Noise and vibration/ RAMS / LCC	The incumbent will be responsible for the Preparation of documents related Noise and vibration, RAMS and LCC on rolling stock systems.
(112)	Engineer (Gr. II) System Engineering	2	First Class Degree in Mechanical Engineering from a recognized University / Institution.	Minimum experience of 2 years in Mechanical/Mechatronics design. Exposure to system engineering concepts, RAMS, technical documentation. Knowledge of Rail industry EN and UIC standards will be an added advantage. 3 Years of experience in CATIA, AutoCAD is must.	The incumbent will be responsible for the simulator, mock-up, RAMS, Track parameter calculations, Weight calculations, stack-up analysis, Noise and Vibration, Fire load calculations.
(113)	Assistant Manager (Gr. III) Simulation	3	First Class Degree in Mechanical Engineering from a recognized University / Institution. M.Tech in Structural Engg., will be an advantage.	Minimum experience of 4 years in mechanical design with exposure to different industrial steel materials. Among the total experience, should have a minimum of 3 years of experience in FEM / Structural simulation using tools like Hypermesh, ANSYS, NASTRAN, LS Dyna etc. Knowledge of Rail industry EN and UIC standards will be an added advantage.	The incumbent will be responsible for the Structural simulation of car body, crash simulation. Structural analysis of mechanical structures and meshing.



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(114)	Assistant Manager (Gr. III) Bogie	1	First Class Degree in Mechanical Engineering from a recognized University / Institution. M.Tech will be an advantage.	Minimum experience of 4 years in design of Bogie for rolling stock.	The incumbent will be responsible for the Design of Bogie, validation/testing.
(115)	Assistant Manager (Gr. III) Brake System	1	First Class Degree in Mechanical Engineering from a recognized University / Institution. M.Tech in related areas will be an advantage.	Minimum experience of 4 years in Brakes system design/ engineering for rolling stock	The incumbent will be responsible for the Design of Brake system, validation/testing.
(116)	Assistant Manager (Gr. III) Machine & Plant	1	First Class Degree in Mechanical Engineering from a recognized University / Institution.	Minimum experience of 4 years in Rolling Stock Maintenance, Interface with Civil Contractors for M&P erecting and testing. Procurement of M&P and planning of Maintenance activities on systems like Pit wheel lathe, Mobile jacks, Bogie turn tables, Fork Lifts, Compressor lines, RRV, Battery Locos, EBT, Wash Plants, etc.	The incumbent will be responsible for the PTS and Tendering activities of M&P equipment of Metro Projects and Coordination with Civil Contractors of Depot & Stations.

Note: Candidates with Degree in Engineering from allied branches of Mechanical /Electrical/ Electronics too can apply for the relevant positions as applicable, however, they must possess relevant experience as mentioned under PQE.



Category wise vacancy break-up:

Grade	Position	UR	SC	ST	OBC (NCL)	EWS	Total
Grade – II	Engineer	7	2	0	3	1	13
Grade – III	Assistant Manager	9	2	1	4	1	17
Grade – IV	Manager	2	0	0	0	0	2

Eligibility, Pay Scale & Remunerations:

Grade	Position	Post Qualification Experience (PQE)* (in Years)	Upper Age Limit (in Years)	BEML Pay Scale
Grade – II	Engineer	2	27	Rs.40,000 – 1,40,000
Grade – III	Assistant Manager	4	30	Rs.50,000 – 1,60,000
Grade – IV	Manager	8	34	Rs.60,000 – 1,80,000

* PQE is the **minimum** relevant experience the candidate should possess after obtaining the qualification, calculated from the completion of Engineering as advertised.

Besides Basic Pay, candidates will be eligible for Variable Dearness Allowance, Perquisites & Allowances @ 13.78% of the applicable Basic Pay under the Cafeteria System, Company Accommodation / House Rent Allowance. Besides Provident Fund, Gratuity etc. will be paid as per the prevailing Company Rules. The executive will also be eligible for Performance related Pay (PRP).

GENERAL CONDITIONS

- Only Indian Nationals may apply.
- Age, Qualification & Experience stipulated above should be as on **16th of August, 2024**.
- The upper age limit indicated is relaxable as per the Govt. of India guide lines i.e., 5 years for SC/ST and 3 years for OBC - NCL candidates.
For PwD Candidates, the upper age limit is relaxable by additional 10 years. This would be over and above the admissible age relaxation for candidates belonging to SC/ST/OBC – NCL. Relaxation of age limit would be permissible to candidates with minimum 40% disability.
- The upper age limit can be further relaxed subject to equivalent years of excess post qualification experience prescribed. However, the maximum age with relaxation shall not exceed 57 years.
- Under qualifying marks, first class is reckoned at 60%. Qualifying marks are relaxable by 5% for SC/ST & PwD candidates. **Candidates with CGPA/ Credit have to mandatorily provide the conversion to percentage.**
- SC/ST candidates are required to submit SC/ST Caste Certificate in the format as applicable for appointment to posts under Government of India.
- OBC candidates** are required to submit Other Backward Class Certificate ('Non-Creamy Layer'*) (Certificate should be in the format as applicable for appointment to posts under Government of India). OBC candidates are also required to furnish a self-undertaking that they belong to OBC (Non-Creamy Layer) by filling and signing the self-undertaking in the format provided along with the application format.

[Note:

- **OBC Candidates: Candidates belonging to those Communities which are recognized as a backward class by the Government of India for the purpose of reservation in services as per orders contained in Department of Personnel and Training Office Memorandum No.36012/22/93-Estt.(SCT) dated 08.09.1993.



b. *Non- Creamy Layer : The gross annual income of parents of the candidate should not be more than Rs.8 lakhs in last three consecutive years in line with DOPT OM No.36033/1/2013-Estt.(Res) dated 13.09.2017.']

viii. PWD candidates are required to submit PWD Certificate in the format as applicable for appointment to posts under Government of India.

ix. Candidates seeking reservations under EWS are required to submit income & assets certificate in the format applicable for Economically Weaker Sections

x. Candidates employed in Central/ State Government, Autonomous bodies, Quasi-Government and PSU should send their online application through proper channel and should produce "No Objection Certificate" from their employer at the time of assessment, failing which they will not be permitted to appear for the assessment and their candidature will not be entertained.

xi. Candidates employed in Central/ State Government, Autonomous bodies, Quasi-Government and PSU should have worked for at least one (1) year in the immediate lower scale. This is however not applicable to Grade-II positions.

xii. Private sector candidates applying for the positions must be employed in a regular capacity in Company registered under Company's Act and will be required to submit experience certificate in the Letter Head of the Company at the time of interview.

xiii. Apart from uploading copy of the detailed resume, the Experienced Candidates are required to provide details (a pen picture) of each experience in the Application Form.

xiv. The candidates should ensure that he/she fulfills the eligibility criteria and other norms mentioned in the advertisement as on the specified dates and that the particulars furnished are correct in all respect. In case, it is detected at any stage of the recruitment process that a candidate doesn't fulfill the eligibility norms and/ or that he/ she has furnished any incorrect/ false information or has suppressed any material/ fact(s), his/ her candidature shall stand automatically cancelled. If any of the above shortcoming(s) is/ are detected even after appointment, his/ her services are liable to be terminated without notice.

xv. Mere meeting the conditions of the advertisement by the candidate(s) will not automatically entail them to be called for assessment for selection

xvi. Based on assessment, Shortlisted candidates will have to undertake pre-employment medical examination and Original document verification. This will not necessarily mean selection. Any shortcoming at the time of document verification such as falsification of documents, wrong declaration of age/ category/ qualifying marks etc., non-production of Original records including Category certificate will lead to rejection of candidature. Appointment of selected candidates is subject to meeting the medical standard of the Company and receipt of satisfactory medical report from the Company Medical Officer

xvii. Management reserves the right to restrict the number of candidates and increase the Qualifying percentage based on number of applications received.

xviii. Management also reserves the right to cancel the advertisement and / or the selection process at its discretion

xix. Management reserves the right to increase / decrease the vacancies based on Business requirements and availability of Qualified candidates.

xx. Management reserves the right to convert the position into contract engagement if necessitated.

xxi. Intimation regarding Assessments, issuance of provisional offer/ final offer etc., **will be sent only through e-mail**. The list of shortlisted/selected candidates for final selection, will be uploaded in



Company's website. BEML will not be responsible for any loss/ non-delivery of e-mail or any associated communications sent, due to invalid/ incorrect e-mail id. The e-mail id and mobile number provided in online application should remain valid for at least one year.

xxii. Only candidates meeting all eligibility criteria mentioned herein viz., qualification, experience, age, caste/ PWD (as applicable) need to apply.

xxiii. Eligible and interested **GEN / EWS / OBC candidates** applying for the above positions (Not applicable for SC/ST/ PWDs) need to pay a non-refundable fee of **Rs.500/-** by clicking the **“Pay Application Fee Online”** at the end of the application form.

HOW TO APPLY

- i. The candidates are required to apply ON-LINE, by clicking the **“Apply ON-LINE”** Link after going through the prescribed guidelines, ensuring correctness of the data entered in the portal / form and should forward the physical copy of the application & all documents.
- ii. The candidates can access the on-line application form in our career page at **www.bemlindia.in**. The on-line registration site would be available till 18.00 Hrs on 16.08.2024 .
- iii. Towards accessing the On-line application, the candidate should have a valid e-mail and mobile number for Registration. These contact details will also be utilized for further correspondence by BEML Limited. The change for e-mail and mobile number will not be entertained by BEML during the course of the Recruitment process.
- iv. The *‘Registration number’* generated may be noted for all future correspondences.
- v. While filling in the On-line application, the experience section may be filled by first providing the latest experience followed by previous. All such experiences should be captured by the candidate. In the space provided against the experience a pen picture of the experience relevant to the position applied to must be written. These will be used at the time of scrutinizing the applications received.
- vi. Along with the Online application, the candidates are required to upload the following without which their applications will be incomplete and rejected.
 - a. X-th Marks card
 - b. XII-th Marks card
 - c. Qualifying Degree Marks cards (*In case of CGPA or credits system of assessments, candidates are required to indicate the formula for conversion of CGPA/ Credits to percentage in accordance with the respective University norms.*)
 - d. Degree Certificate
 - e. Post Graduation Marks cards as applicable
 - f. Post Graduation Certificate as applicable.
 - g. Identity card issued by Government of India (for eg. Aadhar, Passport, Driving License, PAN Card, etc.)
 - h. Detailed Resume.
 - i. OBC/EWS/SC/ST/PWD certificate (as applicable)
 - j. All experience Documents **clearly indicating start & end dates** of each employment.
- vii. Only candidates meeting all eligibility criteria mentioned herein viz., Qualification, age, caste (as applicable) need to apply.
- viii. For any queries on the matter, candidates may e-mail : recruitment@bemltd.in.



KINDLY NOTE : CHECK LIST BEFORE APPLYING ON-LINE

You are required to prepare the SCANNED COPY of the following:

Sl.No	Documents	Size of Document
1.	Recent photograph	100kb
2.	Your Signature (on clear white background in black ink)	50kb
3.	Caste/ Category Certificate	100kb
4.	PwD Certificate (as applicable)	100kb
5.	10 th Standard marks card– self attested	200kb
6.	12 th Standard marks card– self attested	200kb
7.	Degree Certificate – self attested	200kb
8.	All marks card, along with CGPA Conversion formula (as applicable) – self attested	1Mb
9.	Post Graduation Degree/ Diploma Certificate – self attested	200kb
10.	PG marks card, along with CGPA Conversion formula (as applicable) – self attested	1Mb
11.	Identity card issued by Government of India (for eg. Aadhar, Passport, Driving License, PAN Card, etc.)	200kb
12.	Experience Documents clearly indicating start & end dates of each employment. (All experiences to be clubbed as a single pdf file)	1028kb
13.	Detailed resume.	500kb

After successful Submission of the On-line Application, a print out of the Application along with all the associated documents shall be sent by post **Super scribing the Position Applied** for on the envelope, to the following address:

**Senior Manager (HR)
Recruitment Cell
BEML Soudha
No 23/1, 4th Main, S R Nagar
Bangalore – 560027**

Note: Candidates who have applied for multiple positions have to forward the physical copy for each position applied, separately.

Incomplete applications without uploading documents as mentioned above will be summarily rejected.

Date: 24.07.2024

(Advt. No.KP/S/10/2024)

[Corrigendum/ Addendum, if any will be hosted in BEML Website only.](#)

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