



नौसैनिक प्रणाली एसबीयू, भारत इलेक्ट्रॉनिक्स लिमिटेड, जालहल्ली पी.ओ., बेंगलूरु

**NAVAL SYSTEMS, BHARAT ELECTRONICS LIMITED, JALAHALLI P.O., BENGALURU.**

Advt. No.383/PE/HR/NS1/2022-23

Date: 20.07.2022

**SUB: REQUIREMENT OF PROJECT ENGINEERS FOR NAVAL SYSTEMS (S&CS) SBU.**

Bharat Electronics Limited, a Navratna Company and India's Premier Professional Electronics Company under Ministry of Defence, requires the following personnel **on contract basis** for its Naval Systems SBU, Bengaluru Complex.

**1. REQUIREMENT OF PROJECT ENGINEERS:**

Post & Post Code	Qualification	No. of Posts	Minimum Post Qualification Experience as on 01.07.2022	Reservation	Place of Posting
1	2	3	5	7	8
Project Engineer – I Post Code: <b>PE-I (Kochi-CS)</b>	Full time B.E./B.Tech/ B Sc. Engg -4 years course (Computer Science/ Computer Science Engg./ Computer Science & Engineering / Information technology/Information Science or any other discipline of 4 years Engg. degree along with relevant two years' post qualification experience and 55% & above for General / OBC / EWS candidates and Pass Class for SC/ST/PwBD Candidates).	20- Computer science or any other discipline	2 Years	UR – 6 EWS-3 OBC-6 SC-3 ST-2	SD&SC/ Kochi



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1	2	3	5	7	8
Project Engineer – I Post Code: <b>PE-I (Kochi-ECE)</b>	Full time B.E./B.Tech/ B Sc. Engg -4 years course (Electronics/Electronics & Communication/Communication/ Electronics & Telecommunication/ Telecommunication with 55% & above for General / OBC / EWS candidates and Pass Class for SC/ST/PwBD Candidates).	1 –ECE	2 Years	SC-1	SD&SC/ Kochi
Project Engineer – I Post Code: <b>PE-I (Port Blair - ECE)</b>	Full time B.E./B.Tech/ B Sc. Engg -4 years course (Electronics/Electronics & Communication/Communication/ Electronics & Telecommunication/ Telecommunication with 55% & above for General / OBC / EWS candidates and Pass Class for SC/ST/PwBD Candidates).	2 –ECE	2 Years	UR – 2	WFS/ Portblair



## 2. ELIGIBILITY CRITERIA:

- a) NATIONALITY : Candidate must be a citizen of India.
- b) AGE (as on 01.07.2022) :

Sl. No.	Post / Post Code	Upper age limit (as on 01.07.2022)
01	Project Engineer – I Post Code: <b>PE-I (Kochi-CS)</b>	32 years
02	Project Engineer – I Post Code: <b>PE-I (Kochi-ECE)</b>	
03	Project Engineer – I Post Code: <b>PE-I (Port Blair -ECE)</b>	

- c) Relaxation of upper age limit :

Sl. No.	Category	Age Relaxation
1.	Other Backward Classes (Non-Creamy Layer)	3 years
2.	Scheduled Caste/ Scheduled Tribe	5 years
3.	Persons with Benchmarked Disability (PwBD) having minimum 40% disability or more will get 10 years relaxation in addition to the relaxation applicable to the categories mentioned above.	



d) Remuneration:

Term	Consolidated Remuneration per month
1 <sup>st</sup> Year	Rs.40,000/-
2 <sup>nd</sup> Year	Rs.45,000/-
3 <sup>rd</sup> Year	Rs.50,000/-
4 <sup>th</sup> Year	Rs.55,000/-

- e) Candidates seeking age relaxation will be required to enclose copy of necessary certificate(s) along with application and submit the original at the time of interview and at any subsequent stage of the process for verification.
- f) The EWS / Caste / Disability Certificate should be strictly in the format available on the BEL website failing which, candidates will be considered under 'General' category, provided they are otherwise meeting all other criteria stipulated for General Candidates.

### **3. TERMS OF ENGAGEMENT & REMUNERATION:**

- a) **Project Engineer** will be engaged initially for a period of THREE years which may be extended up to maximum of ONE year (Maximum tenure of 4 years) based on project requirement and individual performance. Candidates will be paid a consolidated remuneration per month of Rs.40,000/-, Rs.45,000/-, Rs.50,000/- and Rs.55,000/- for the 1<sup>st</sup> , 2<sup>nd</sup> , 3<sup>rd</sup> and 4<sup>th</sup> year of contract respectively.
- b) In addition to the consolidated remuneration indicated above, consolidated amount of Rs.12,000/- per year will be paid towards expenses like insurance premium, attire allowance, stitching charges, footwear allowance etc. in two equal installments. First installment will be processed in the first month's salary after joining and the second installment will be paid after completion of 6 months from the date of joining.



#### **4. EDUCATIONAL QUALIFICATION:**

- a) Candidates should have obtained 55% & above in the indicated qualification for General, OBC and EWS candidates and Pass Class for SC, ST and PwBD candidates.
- b) Candidate must possess all years / semester marks sheet and degree certificate. (In case of CGPA grading, conversion certificate to substantiate the claim shall be attached and has to be indicated in the application form.
- c) In case there is no mention of specialization in the qualifying degree as required in the minimum essential educational qualification, candidates required to submit a certificate at the time of interview from their University/Institute with a clear mention to their specialization in the qualifying degree.
- d) Candidates having part-time or correspondence course in indicated qualification are not eligible to apply.
- e) Candidates having indicated qualification with other disciplines will not be considered.

#### **5. POST QUALIFICATION EXPERIENCE (AS ON 01.07.2022):**

Candidates with minimum of 2 years and above relevant post-qualification industrial experience will be eligible to apply for the post of Project Engineer.

##### **5.1 Candidates with experience in any of the following areas will be preferred.**

###### **➤ For Project Engineer – I, Post Code: PE-I (Kochi-CS)**

###### **A) COMPUTER SCIENCE:**

###### **Essential:**

- Programming in C/C++, Proficient in OOA/OOD Concepts
- Experience in Object Oriented Programming, UML diagrams
- Experience in software development for embedded systems.
- GUI development using Qt and similar software packages



- Experience in Software testing
- Programming on LINUX
- Familiarity with software engineering process.
- Experience in IEEE-Std-12207 software documentation

**Desirable:**

- Experience in IV & V

➤ **For Project Engineer – I, Post Code: PE-I (Kochi-ECE)**

**B) ELECTRONICS:**

**Essential:**

- knowledge of Electronics System design and handling of Electronic testing tools
- Knowledge in Digital Signal Processing.
- Knowledge in C/C++ Programming & VHDL Programming.
- Experience in PCB level/sub system level/ system level testing & troubleshooting.
- Skills for Technical and Engineering Documentation.

**Desirable:**

- Experience in the development of Embedded systems.
- Knowledge of network tools /Socket Programming/ MATLAB.
- Knowledge in Labview programming & Orcad.

➤ **For Project Engineer – I, Post Code: PE-I (Port Blair -ECE)**

**C) ELECTRONICS:**

**Job Responsibilities:**

- Maintenance of BEL equipments installed in IN(Indian Navy) ships.
- Defect inspection/Defect rectification of BEL equipments.
- Should be willing to work on-board ship.
- Should be willing to sail



- Co-ordination with Navy customer and BEL SBUs for smooth Execution of projects.
- Report generation and communication with respect to project head.
- Complaint registration, resolution and logistic support.

5.2 Please note the following:

- a) Candidate applying for Project Engineer, should possess the requisite number of years and hands-on post qualification experience as mentioned at point No.5.1.
- b) One year completed Apprenticeship training will be considered as experience.
- c) The Cut-off date for deciding the maximum permissible age and experience (Post Qualification Experience) shall be as 01.07.2022. In order to compute post qualification experience starting from the month immediately succeeding the month of final examination in which candidate acquire the essential educational qualification shall be considered. Wherever specific relevant experience is prescribed, Experience certificates / Document issued by the employer clearly indicating the specific area of experience should be enclosed.
- d) Academic / Teaching experience / Research work/ will not be considered as relevant work experience.
- e) Candidate should possess Experience certificates/Documents issued by the previous and present employer clearly indicating period of employment and post held.
- f) Candidates are required to enclose a separate write up describing the relevant post qualification experience gained/held by them.



## 6. MODE OF SELECTION:

- a) Candidates who meet the eligibility criteria as specified in the advertisement w.r.t. Qualification and Experience will be accepted.
- b) Eligible candidates, who satisfy the above conditions, will be called for written test followed by an interview.
- c) Written test and interview for candidates applying for PE-I (Kochi-CS) and PE-I (Kochi-ECE) posts will be held at Bengaluru.
- d) For candidates applying for PE-I (Portblair-ECE) post, if they are resident of Portblair/ Lakshadweep/Andaman & Nicobar Islands and if such candidates are shortlisted for written test, then the written test for such candidates will be conducted at BEL office situated at Portblair. Interview will be conducted through online mode (i.e. Video based) for candidates those who qualify in the written test & shortlisted for interview.
- e) Written test & Interview call letters with all details of date, Venue & Time etc. will be sent to your valid e-mail ids provided to us at the time of application.

## 7.0 REGISTRATION AND ONLINE APPLICATION PROCESS

- I. Eligible candidates are required to apply online only through BEL website [www.bel-india.in](http://www.bel-india.in). No other means / mode of application will be accepted.
- II. Before applying the candidates should possess valid email-id and mobile numbers which should remain valid & active till the completion of the selection process.





### III. How to apply:

- a. Go to our website: [www.bel-india.in](http://www.bel-india.in). Click on **CAREERS** and **RECRUITMENTS** wherein a link has been provided to submit the application online OR login by typing the URL as mentioned below:

<u>Candidates with qualification of</u>	<u>URL LOGIN</u>
<a href="#">Electronics / E&amp;C / Commn. / E&amp;TC / Telecommn. / Mechanical / Electrical / EEE / Computer Science/ Information Science and Information Technology</a>	<a href="https://jobapply.in/BEL2022JALAHALLINAVAL/">https://jobapply.in/BEL2022JALAHALLINAVAL/</a>

- b. The candidates have to fill in all the details required in separate tabs such as :

<b>PERSONAL INFORMATION</b>	Enter the candidate's name, father's name, date of birth and other details
<b>ADDRESS INFO</b>	Enter permanent and correspondence address, active email-id, and mobile number. In case the correspondence address is same as permanent address, tick on the "same as permanent address" which copies the address.
<b>QUALIFICATION</b>	Enter the details of qualification required for the post and click on "add to list"
<b>ADDITIONAL QUALIFICATION</b>	Enter the details of additional qualification acquired if any



<b>WORK EXPERIENCE</b>	Enter the work experience details and click on “ <i>add to list</i> ”. If the experience gained is in more than one company enter the experience details again in the fields provided and click on “ <i>add to list</i> ”
<b>NOTE ON EXPERIENCE</b>	Enter the details of experience in brief in the space provided. <b>Applications will be shortlisted based on the experience write up given by the candidates. Hence care should be taken while providing the details of experience.</b>
<b>RELATIVES IN BEL</b>	Enter the details of relatives employed in BEL and click on “ <i>add to list</i> ”

- c. Upon filling up all the details, verify the data entered and click on SUBMIT. Upon submission a message reflects on the screen “your application has been successfully received” and will be given user name and password which will be your date of birth. An example of which is shown below :

*Your user name is : NS.-169-63-1 and the password is “your date of birth”.*

- d. The applicant can save the application in the PDF format. However the printed format of the application need not be forwarded to us.

**Online Submission of applications will be open from 20.07.2022 to 04.08.2022.**

- e. Applications that are incomplete, not in the prescribed format or without the required enclosures, will summarily be rejected without assigning any reasons and no correspondence will be entertained in this regard.



## 8. APPLICATION FEE:

Post & Post code	Link title for SBI payment gateway	Application Fee	Exemption
Project Engineer – I Post code: <b>PE-I (Kochi-CS)</b>	<a href="https://www.onlinesbi.com/sbicollect/icollecthome.htm?corpID=14842">https://www.onlinesbi.com/sbicollect/icollecthome.htm?corpID=14842</a>	Rs.400/- + applicable GST	Candidates belonging to PwBD, SC and ST categories are exempted from payment of application fee.
Project Engineer – I Post code: <b>PE-I (Kochi-ECE)</b>			
Project Engineer – I Post code: <b>PE-I (Port Blair -ECE)</b>			

- ✓ Candidates belonging to General / OBC / EWS category are required to pay an application fee.
- ✓ **Application fee is non-refundable.**
- ✓ The application fee should be remitted through SBI Collect (through online mode or through SBI Branch).
- ✓ Candidates are requested to read the details and screenshots for making the payment. Screenshots and instructions for the same are provided with the advertisement.
- ✓ Candidates may make the payment by clicking on the link provided below the web advertisement.
- ✓ Candidates have to mention the “**SBI Collect Reference Number**” generated after making payment, in the Application Form.
- ✓ Candidates can also make the payment by approaching SBI Branch. You have to select SBI branch in the payment option and download pre-printed challan generated through SBI Collect and deposit the application fee (as applicable) plus applicable bank charges in any SBI Branch. The candidate should ensure to obtain the seal and signature of the bank official.
- ✓ Payment receipt should be attached to the hard copy of the Application form along with other enclosures.
- ✓ Candidates may go through all instructions and eligibility criteria carefully before remitting Application Fee and submitting the application.



## **9. GENERAL CONDITIONS:**

- 9.1 Before applying for the post, the candidates should ensure that he/she fulfils the eligibility mentioned in the advertisement.
- 9.2 Request for change of category (GEN/OBC/EWS/SC/ST) once declared in the application will not be entertained.
- 9.3 In the event of any applicant has litigated with his/her employer in the past, the same should be clearly mentioned in brief.
- 9.4 Candidates employed in Govt./Quasi Govt. and Public Sector Undertaking is required to submit the application through proper channel or produce **'No Objection Certificate'** along with the application without which such candidate will not be considered for the selection process.
- 9.5 BEL reserves the right to change (cancel / modify / add) any of the criteria, method of selection, number of posts; indicated above based on the actual requirement at the time of selection.
- 9.6 Applications that are incomplete, not in the prescribed format, not legible, without the required / mandatory enclosures / attachments will be summarily rejected without assigning any reason and no correspondence in this regard will be entertained. There will be no separate communication to any candidates on their non-consideration at any stage of the selection process.
- 9.7 The above opening is for Bharat Electronics Limited, Naval Systems (S&CS) SBU, Bangalore. However, selected candidate may be required to serve in other location/s also, if need arises, as per Company's requirement.
- 9.8 Candidates are required to provide their one valid e-mail ID which is to be mentioned in the application form. Information pertaining to the interview will be sent to shortlisted candidate only by e-mail to the email-id furnished by the candidates. BEL will not be responsible for any loss of email sent due to invalid/wrong e-mail ID provided by the candidate or due to any other reason whatsoever. All correspondence will be done through e-mail only.
- 9.9 Appointment of the provisionally selected candidate will be subject to being found 'Medically Fit' by the Company's medical authorities as per the medical fitness standards laid down by the Company. The candidate who is called to report on selection



should get himself/herself medically examined by a Civil Surgeon/Asst. Civil Surgeon and submit the medical report as per the requirement of the Company.

- 9.10 The admission at all/any stage of selection process will be purely provisional. Mere issue of interview call to the candidate will not imply that his/her candidature has been cleared by BEL. BEL reserves the right to debar / disqualify any candidates at any stage of the selection process for any reason whatsoever. Mere applying for the post shall not be deemed as selection.
- 9.11 Please ensure that the applicant fulfils all the eligibility criteria as stipulated in the advertisement. In case applicant fails to meet any of the eligibility criteria as stated in the advertisement for the post, his/her candidature will be cancelled at any point of selection process. The decision of the management in this regard would be final. Candidate must go through all instructions and eligibility criteria carefully before submission of Application fee.
- 9.12 Selected candidates are required to take Insurance coverage of Rs.2 Lakhs for Medical cover and Rs.5 Lakhs for life cover at the time of joining and copy of the policy shall be submitted to HR.(Total-2 policies)
- 9.13 Short listing of candidates will be carried out purely based on the information declared by the candidates in the application form. If at any further stage of selections, it is found that candidates have declared false information w.r.t. their credentials, BEL reserves the right to debar them at any stage of selection/terminate their Employment.
- 9.14 BEL reserves the right to debar the candidates at any stage of selection process, if the candidature is not found suitable
- 9.15 Candidates claiming to be belonging to SC/ST, OBC, EWS, PwBD category are required to submit the latest certificate in the prescribed proforma (available in Company's website [www.bel-india.in](http://www.bel-india.in)) issued by the competent authority along with the application. Certificate in any other proforma or issued by an Authority other than the Competent Authority will not be accepted.
- 9.16 Candidates belonging to OBC category should produce the certificate dated on or after 01.01.2022 along with Non Creamy Layer Certificate and the candidates belonging to EWS category should produce the EWS certificate issued for the year 2022-23.



9.17 In case any dispute arises on account of interpretation of clauses in any version of this advertisement other than English, the English version available on BEL website shall prevail.

9.18 Any resulting dispute arising out of this advertisement including the recruitment process shall be subject to the sole jurisdiction of the Courts situated at Bengaluru.

9.19 All further announcements / details pertaining to this process will be published / provided on BEL website: [www.bel-india.in](http://www.bel-india.in) from time to time.

9.20 Please note that the number of posts may increase depending upon the company's requirements.

**The last date to receive duly filled-in online application form is 04.08.2022.**

# Other Backward Class Certificate (Non-Creamy layer) and The Income and Asset Certificate for EWS issued by any one of the following Authorities in the prescribed format shall only be accepted as proof of candidate's claim as belonging to OBC / EWS: -

- i. District Magistrate / Additional District Magistrate / Collector / Deputy Commissioner / Additional Deputy Commissioner / 1<sup>st</sup> Class Stipendiary Magistrate / Sub-Divisional Magistrate / Taluk Magistrate / Executive Magistrate / Extra Assistant Commissioner.
- ii. Chief Presidency Magistrate/Additional Chief Presidency Magistrate / Presidency Magistrate
- iii. Revenue Officer not below the rank of Tehsildhar and
- iv. Sub-Divisional Officer or the area where the candidate and/or his family normally resides.

## **10. CLARIFICATIONS:**

For further details or any clarifications, please feel free to contact on Telephone No. 080-22195444 or e-mail to [hrns@bel.co.in](mailto:hrns@bel.co.in)

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