BHARAT ELECTRONICS LIMITED
Jalahalli P.O., Bengaluru 560013

Bharat Electronics Limited a Navartna Company and India's premier professional electronics Company under the Ministry of Defence, requires the following personnel *__on contract basis__* for its Strategic Communication and Unmanned Systems SBU, Bengaluru Complex.

Sl. No.	Post	Qualification / Discipline	Reservation	District / State (Place of posting)	No. of Posts
1	Trainee Engineer-I	BE / B. Tech /B.Sc-Engg (4Years) in Aerospace Engineering	UR - 05 OBC - 02 SC - 01 ST - 01 EWS - 00	Bengaluru	9
2	Project Engineer-I	i) BE / B. Tech/ B.Sc. Engg. (4 Years)/ ME/M.Tech in Aerospace Engineering. (Candidates with ME/M.Tech Qualification should compulsorily have Aerospace Engg in their BE / B. Tech/ B.Sc. Engg. degree)	UR - 01 OBC - 02 SC - 00 ST - 00 EWS - 01	Bengaluru	4

*Note: Number of vacancies may be increased or decreased based on the actual requirement at the discretion of the Management.

Candidates who are desirous of applying for the post should be willing to relocate to the place mentioned above and should also be willing to travel extensively across the country.

Relaxations: The upper age limit will be relaxable for SC, ST candidates by 5 years and for OBC candidates by 3 years. For candidates belonging to PWD category having minimum 40% disability or more will get 10 years' relaxation in addition to the relaxation applicable to the categories mentioned above.

ELIGIBLITY:

1. **Qualification:**

For Trainee Engineer- I : First class for General, OBC & EWS Candidates and Pass Class for SC/ST/PWD (Person with Disability) candidates in BE / B. Tech /B.Sc.- Engg (4 Years course) in Aerospace Engineering from a AICTE recognized University/ Institution.

For Project Engineer- I : First class for General, OBC & EWS Candidates and Pass Class for SC/ST/PWD (Person with Disability) candidates in BE / B. Tech /B.Sc.- Engg (4 Years course) in Aerospace Engineering from a AICTE recognized University/ Institution.

OR

First class for General, OBC & EWS Candidates and Pass Class for SC/ST/PWD (Person with Disability) candidates in M.E/M.Tech in Aerospace Engineering from a AICTE recognized University/ Institution. **Candidates applying with ME/M.Tech Qualification under this post should compulsorily have Aerospace Engg in their BE/B. Tech/ B.Sc. Engg. Degree.**

2. **Age:**
25 Years for Trainee Engineers-I and **28** Years for Project Engineers-I and less as on 01.12.2020. The upper age limit indicated is for candidates belonging to General & EWS Category. The upper age limit will be relaxed by 3 years for OBC candidates, 5 years for SC/ST and 10 years for PWD candidates (having minimum 40% disability, in addition to the relaxation applicable to OBC/SC/ST candidates).

3. **Remuneration:**

For Trainee Engineer- I : An all-inclusive consolidated remuneration of Rs. 25,000/- per month for the 1st Year of engagement, Rs. 28,000/- per month for the 2nd year and Rs. 31,000/- per month for the 3rd year respectively.

For Project Engineer- I : An all-inclusive consolidated remuneration of Rs. 35,000/- per month for the 1st Year of engagement, Rs. 40,000/- per month for the 2nd year, Rs. 45, 000/- per month for the 3rd year and Rs. 50, 000/- per month for the 4th year respectively.

4. **Experience as on 01.12.2020:**

For Trainee Engineer- I : Candidates with 0 to 1 Year of post qualification and relevant Industrial experience.

For Project Engineer- I :

(i) **B.E/B.Tech/B.sc (Engg) - Candidates with minimum two years** of post qualification and relevant Industrial experience.

(ii) **M.E/M.Tech** – **No post qualification experience required.** However the experience in the relevant field is desirable.

5. **Period of contract:**

For Trainee Engineer- I : One (1) Year from the date of joining. However, the same may be extended upto a maximum of Three years (including initial period) depending on the progress of the project and performance of the candidate.

For Project Engineer- I : Two (2) Years from the date of joining. However, the same may be extended upto a maximum of Four years (including initial period) depending on the progress of the project and performance of the candidate.

Skill sets required for Trainee Engineers--I (TE-) and Project Engineers-I (PE)

Skills Sets for UAVs: Experience/Domain Knowledge/college projects in one or more fields

        (a) Design and Structural Analysis of Air frames
        (b) System Engineering of Aerial vehicles
        (c) Design & Analysis of Guidance systems
        (d) Design of Control systems for Aerial vehicles
        (e) Thermal Analysis of Aerospace Structure
        (f) Design of Autopilot for Aerial vehicles
        (g) Simulator Development Terrains generations/Path Planning
        (h) Knowledge of Communication System
        (i) Programming experience in C/C++, Python, ROS, ML & AI

Note: Teaching experience will not be considered.

SELECTION PROCEDURE: Candidates who meet the eligibility criteria w.r.t. qualification and experience will be allotted weightage as follows:

For Trainee Engineers -I.

Criteria	Weightage
Aggregate Marks secured in BE/B.Tech/B.Sc (4Yrs Course	75%
Relevant Post Qualification experience: 2.5 marks will be allocated for minimum experience stipulated for the post. 1.25 marks will be allocated for every additional experience of 6 months subject to a maximum of 10 marks.	10%
Interview for shortlisted candidates	15%

For Project Engineers -I:

B.E/B.Tech/B.Sc (Engg) in Aerospace		M.E/M.Tech in Aerospace	
Criteria	Weightage	Criteria	Weightage
Aggregate Marks secured in BE/B.Tech/B.Sc (4Yrs) in Aerospace	75%	Aggregate Marks secured in B.E/B.Tech/B.Sc.(4 Yrs) in Aerospace	75%
Relevant Post Qualification experience (Min 2 years experience). 2.5 marks will be allocated for minimum experience stipulated for the post. 1.25 marks will be allocated for every additional experience of 6 months subject to a maximum of 10 marks.	10%	**Relevant Post Qualification experience - (NIL)** 2.5 marks will be allocated to all candidates with M.E/M.Tech qualification. 1.25 marks will be allocated for every additional experience of 6 months subject to a maximum of 10 marks.	10%
Interview for shortlisted candidates	15%	Interview for shortlisted candidates	15%

- *Candidates have to compulsorily provide the CGPA conversion to percentage of marks as per the guidelines provided by their University.*

- Candidates will be shortlisted in the order of merit based on marks obtained as indicated above in the ratio of 1:5. Only those candidates shortlisted will be called for the interview.

- Intimation on conducting Video Based Interview's will be sent to e-mail IDs provided by the candidates. Candidates are required to comply with the instruction indicated therein.

- The results of the final selection will be available on BEL website.

HOW TO APPLY: Candidates who are desirous of applying for the above posts and are willing to be posted at the locations indicated in the advertisement may submit the application in the form appended to this advertisement and send the applications through post, **super scribing on the envelope the post applied for** along with the following documents. **The candidate can apply for ONLY one post. Duplication of application can result in disqualification of the candidate.**

Documents to be submitted by candidates along with the application form:

i)   10th Standard marks card (as proof of date of birth)
ii)   B.E/ B.Tech/B.Sc (4 Years)/ME/M.Tech Degree certificate (as applicable)
iii)   All semester marks cards and Additional Certifications. Proof of norms for CGPA conversion to percentage as per the guidelines provided by the university.
iv)   Caste /Tribe/ Community/ Disability/Economic status certificate in case of candidates belonging to SC/ST/OBC/PWD/EWS respectively. Candidates claiming reservation under any of the above categories are required to submit the certificate in the prescribed format. The formats of various certificates are provided as link to the advertisement. Candidates belonging to OBC category should produce the certificate issued on or after 01.01.2020 and for EWS certificate issued for the year 2019-20 or 2020-21.
v)   Post qualification work experience certificate/s from previous / current employer. Where current employment certificate is not produced, the Offer of current appointment, Employee ID proof and latest pay slip should be compulsorily be enclosed.
vi)   Candidates working in PSUs/Govt. organizations should compulsorily submit the application through proper channel or produce 'No Objection Certificate' at the time of the interview.

Application fee:

Post	Application fee	Exemption
Trainee Engineer – I	Rs. 200/-	Candidates belonging to PWD, SC and ST categories are exempted from payment of application fee.
Project Engineer – I	Rs. 500/-	Candidates belonging to PWD, SC and ST categories are exempted from payment of application fee.

*   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.
*   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.

- Candidates have to enter the "**SBI Collect reference No.**" generated after payment, in the online Application Form.

- Candidates may go through all instructions and eligibility criteria carefully before remitting Application Fee and submitting the application. Fee once paid will not be refunded.

GENERAL:

- Selected candidates are required to be covered under a medical insurance scheme for a sum of Rs.2 lakhs per annum and submit the same on joining. In addition to the remuneration indicated, a consolidated amount of Rs. 10,000/- per year will be paid towards expenses like medical insurance premium, attire allowance, stitching charges, footwear allowance, etc.

- **Shortlisting 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.**

- Candidates are required to possess at least one valid e-mail id, which is to be entered in the application form. BEL will not be responsible for bouncing of e-mails, non-receipt of e-mails due to invalid e-mail IDs, setting options exercised by the candidate, etc..

- There will be no separate communication to any candidates on their non-selection at any stage.
- Candidates whose specialization mentioned in the degree certificate does not tally with the branch mentioned in the application will not be considered for selections. In the event it is found that candidates have disclosed false information in the application form, BEL reserves the right to disqualify their candidature at any stage during the selection process.

- Only Indian nationals need apply. The posts indicated above may vary based on the actual requirement at the time of selection. Canvassing in any form will result in disqualification. BEL reserves the right to debar / disqualify any candidate at any stage of the selection process for any reason what so ever.

- The dates of the selections and timings will be intimated to the shortlisted candidates through e-mail only.

- Canvassing in any form will results in disqualification.

For further details or any clarifications please feel free to contact: E-mail: hrtbs@bel.co.in

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