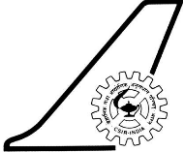


Date of Publication: 20.02.2020



Council of Scientific and Industrial Research
NATIONAL AEROSPACE LABORATORIES
P.B. No.1779, HAL Airport Road, Kodihalli, Bengaluru – 560 017

Advt. No. 1/2020

APPLY OFFLINE ON OR BEFORE 9TH MARCH 2020

(Website: www.nal.res.in)

National Aerospace Laboratories (NAL) is a premier research laboratory under the Council of Scientific and Industrial Research (CSIR). In addition to many Research, Development and Technology Programmes in Aerospace, CSIR-NAL is actively involved in supporting the National Aerospace Programmes of ADA, DRDO, ISRO, HAL and IAF. Further, CSIR-NAL has a strong programme in Civil Aviation including the nationally important project of design and development of a multirole Light Transport Aircraft (SARAS). CSIR-NAL is also exploiting several aerospace technologies into spin-off industrial applications. It has excellent facilities in all the aerospace disciplines.

NAL is looking for bright and highly motivated Consultants to participate in the exciting task of Aerospace R&D, Technology Development and related applications:

**Please go through the full text of the advertisement on our website:
www.nal.res.in regarding qualifications, job requirements, experience and
subjects etc. required for the position.**

Download the Application form from the CSIR-NAL website and take print out of application, fill all the Column's together with copies of certificates and testimonials etc. and forward the same to Controller of Administration, CSIR-NAL, Bengaluru. Completed applications in all respects only will be entertained.

Your selection will be based on the details entered in the Offline Application Form only.

STRUCTURAL DESIGN CONSULTANT:

Qualification and Experience:

B.E/ B. Tech or Equivalent in Aerospace or Mechanical with minimum 30 years of experience in the area of aircraft structure design

or

M.E./ M. Tech or Equivalent in Aerospace (Structures Specialisation) or Mechanical (Machine Design Specialisation) with minimum 28 years of experience in the area of aircraft structure design

Desirable: The candidate should have held the position of Chief of Design or equivalent in a reputed Aircraft Design House/ Company approved by CEMILAC or DGCA or any other regulatory body

Remuneration Upto ₹ 1,00,000/- per month consolidated (to be fixed by Selection Committee)

Duration: Six months

Number of consultants: 2 (TWO)

Job Requirements: Design of Airframe conforming to FAR compliance requirements as given below:

- a) Evaluation of design concepts like multi-spar and multi-rib construction for major parts of airframe and review structural layouts
- b) Identifying critical design drivers and parameters considering aspects like strength, stiffness, damage tolerance, manufacturing, assembly and maintainability for airframe components
- c) Review of analysis of multi cell box for bending and torsion loads using classical mechanics approach and load path determination
- d) Evaluation of design concepts for safe life, safe life and damage tolerance design and showing compliance to FAR requirements
- e) Evaluation of structural design of engine mount
- f) Verification of design schemes for major joints and determination of MOS by SOM approach
- g) Review of feature level test specimens design and their conformance

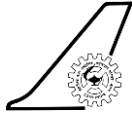
Deliverable: Submit report on activities above

GENERAL CONDITIONS:

1. These positions are open only to Indian Nationals/Overseas citizens of India.
2. The appointment will be in the CSIR - National Aerospace Laboratories (NAL), Bengaluru, under the Council of Scientific & Industrial Research (CSIR) which is an Autonomous Body under Ministry of Science & Technology, Govt. of India.
3. The engagement is for temporary duration of six months extendable upto one year in desirable cases.
4. Age should not be more than **65 years**, will be reckoned as on last date for receipt of applications.
5. Relaxation: The qualifications, age and experience can be relaxed in the case of exceptionally meritorious candidates with the approval of DG, CSIR.
6. The maximum remuneration of upto ₹ 1,00,000/- is consolidated and will be fixed by the Selection Committee, duly constituted by Director, CSIR-NAL
7. The period of experience in a discipline/area of work, where prescribed, shall be counted with effect from the date of acquiring the prescribed minimum educational qualifications for the post.
8. As the Screening/Shortlisting of applications will be done on the basis of information furnished through the Offline application form by the applicants, it is necessary that only accurate, full and correct information is furnished by the applicants. Furnishing of wrong/false information will be a disqualification and CSIR-NAL will **NOT** be responsible for any of the consequences of furnishing such wrong/false information.
9. The decision of CSIR-NAL in all matters relating to eligibility, acceptance or rejection of applications, mode of selection will be final and binding on the candidates and no enquiry or correspondence will be entertained in this connection from any individual or agency on behalf of the candidate.
10. Canvassing in any form and/or bringing in any influence political or otherwise will be treated as a disqualification for the post.
11. In the event of engagement of the Consultant, the Consultant has to execute an agreement in the format on Non-judicial stamp paper.
12. Eligible candidates may download the application form from CSIR-NAL website: www.nal.res.in. (given at the end of full advertisement). Application form duly filled in together with recent passport size photograph, copies of matriculation / Degree and above, Experience and certificate with reference to nature of work carried out etc., should be sent in a sealed cover superscribing "**Application for the post of Consultant**". Advt. No. 1/2020 **ON OR BEFORE 09.03.2020** addressed to:

**The Controller of Administration
National Aerospace Laboratories
P.B.No.1779, HAL Airport Road
Kodihalli, Bengaluru – 560 017 (Karnataka).**

INTERIM ENQUIRIES WILL NOT BE ENTERTAINED



(Council of Scientific and Industrial Research)
NATIONAL AEROSPACE LABORATORIES
BENGALURU – 560 017

Affix a signed
copy of your
recent
passport size
photograph

APPLICATION FORM

IMPORTANT: This application form duly completed in the candidate's own handwriting or neatly typed must reach THE CONTROLLER OF ADMINISTRATION, NATIONAL AEROSPACE LABORATORIES, P.B.No.1779, AIRPORT ROAD, KODIHALLI, BENGALURU-560 017 on or before **09.03.2020**

1. Advertisement No. : **1/2020**
2. Post : **CONSULTANT**
- 3: Division :

4. Name of the candidate (in Block Letters)	
5. Sex (Male / Female)	
6. Father's Name	
7. Nationality (mention by birth / domicile)	
8. Present Postal Address (for communication purpose)	Pin Code <input type="text"/> Tel/Mobile No. _____, E-mail: _____
9. Permanent Address	Pin Code <input type="text"/> Tel/Mobile No. _____

10. Date of Birth (As per Matriculation / SSLC certificate)		□□	□□	□□□□			
		DAY	MONTH	YEAR			
11. Age (As on the closing date of application)		□□	□□	□□			
		YEARS	MONTH	DAYS			
12. Educational/Professional Qualification etc, commencing from SSC/10th Std onwards (Enclose documentary proof)							
Examination Passed	Year of passing	Marks obtained / percentage of marks			Class / Grade obtained	Duration of Degree/ Diploma Course	Board / University / Institution
		Max Marks	Marks obtained	Aggregate %age			
13. Experience:							
Period		Name of Organisation* & Place	Designation/ Post Held	Gross Pay Drawn Rs.	Permanent/ Temp. Post		
From	To						

Note : * Please indicate whether the Organisation belongs to Govt./ PSU or Pvt. Also enclose copies of certificates/testimonials etc in support of proof of experience.

14. Any other details :

15. Particulars of close relatives : Name :
working in NAL, if any Designation :
Division :
Relationship :
16. Are you under any bond/contractual obligation to serve Central / State Government / PSU / Autonomous or any other body / organization, YES NO
17. Whether dismissed from service from any other Institution / Office or debarred by the Public Service Commission, YES NO , if yes, give details _____

18. ENCLOSURES: (Please tick the appropriate box and arrange the enclosures as per the serial number)
- | | | | |
|---|--------------------------|---------------------------------------|--------------------------|
| 1. SSLC/10 th Std Certificate (Proof of DOB) | <input type="checkbox"/> | 5. Community Certificate | <input type="checkbox"/> |
| 2. 12 th Std Certificate | <input type="checkbox"/> | 6. Experience Certificate | <input type="checkbox"/> |
| 3. Degree/Diploma | <input type="checkbox"/> | 7. Knowledge of Computer Applications | <input type="checkbox"/> |
| 4. Degree/Diploma Marks sheets (All semesters/Years) | <input type="checkbox"/> | 8. Others | <input type="checkbox"/> |

DECLARATION

I hereby declare that the information given above is correct, true to facts and nothing has been concealed / distorted. I am aware that, if at any time I am found to have concealed / distorted any information, my candidature/appointment is liable to be summarily terminated without notice.

Place: _____

Date: _____

Signature of the candidate