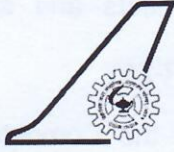


**Date of Publication: 15.02.2024**



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

**Advt. No. 1/2024**

**APPLY OFFLINE ON OR BEFORE 07.03.2024**  
**(Website: [www.nal.res.in](http://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 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 Mk2). 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 engagement of Specialist Consultant for different activities of SARAS Mk2 Aircraft.

Interested persons, fulfilling the eligibility criteria may apply in the prescribed proforma together with copies of certificates, testimonials and forward the same to Administrative Officer, 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.**

**SPECIALIST CONSULTANT FOR MECHANICAL SYSTEM DESIGN ACTIVITIES OF SARAS MK2 AIRCRAFT:**

**Qualification: B.E/B.Tech (Mechanical/Aeronautical)**

**JOB REQUIREMENTS:**

1. Guide the team members working in the area of Design and Development of Sub-systems and LRUs in Aircraft Mechanical Sub-systems such as Flight Control System, Brake Management System, Landing Gears, Wheels and Brakes.
2. Participate in the coordination of design and manufacturing activities.
3. Review the work and guide design team to complete the work in the area of detail design, manufacturing, assembly and qualification testing of actuators.
4. Guide the teams in the area of Design and Testing activities.
5. Guide the team in preparing airworthiness documents such as Specification, Certification Test Plan, Qualification Test reports etc.
6. Guide - design and ground testing team for qualification testing of LRUs and Sub-systems level.
7. Interact with regulatory authorities such as CEMILAC/ DGAQA/DGCA as and when required along with Saras Mk2 team.

**Experience:**

Should have not less than 25 years of professional experience in the aircraft design center/ bureau in the following domain:



1. Worked in the Aircraft Design Bureau in the field of Aircraft Mechanical Systems in at least one aircraft design program.
2. Detail design of Mechanical Sub-Systems.
3. Design and development of test rigs for conducting certification tests of major LRUs/Systems.
4. Design and development of actuators for aircraft.
5. Must have sound knowledge of airworthiness certification requirements and aircraft certification standards like FAR-23/25 and MIL Standards.
6. Knowledge of airworthiness practices in India including DDPMAS/IMTAR-21.

**Duration:** One year extendable up to one more year after review by the Competent Authority

**Remuneration:** ₹70,000/- to ₹1,00,000/- per month

**Number of Consultant:** 1 (One)

### **GENERAL CONDITIONS**

1. The Consultant position is open only to Indian Nationals/Overseas citizens of India.
2. The engagement 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 of Consultant is for temporary duration of one year extendable upto one more year after review by the Competent Authority.
4. Age should not be more than **63 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/Competent Authority.
6. 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.
7. 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.
8. The decision of CSIR-NAL in all matters relating to eligibility, acceptance or rejection of applications, mode of selection will be final and no enquiry or correspondence will be entertained in this connection from any individual or agency on behalf of the candidate.
9. Canvassing in any form and/or bringing in any influence political or otherwise will be treated as a disqualification for the post.
10. In the event of engagement of the Consultant, the Consultant has to execute an agreement in the format on Non-judicial stamp paper.
11. Eligible candidates may download the application form given below (**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 Specialist Consultant for Mechanical System Design Activities for SARAS Mk2 Aircraft** Advt. No. 1/2024 ON OR BEFORE 07.03.2024 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**

**CONTROLLER OF ADMINISTRATION**









<b>09. Date of Birth</b> (As per Matriculation / SSLC certificate)	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> </table>			<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> </table>			<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> </table>				
	DAY	MONTH	YEAR								
<b>10. Age</b> (As on the closing date of application)	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> </table>			<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> </table>			<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> </table>				
	YEARS	MONTH	DAYS								

11. Educational/Professional Qualification etc, commencing from SSC/10<sup>th</sup> 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			

12. Experience:

Period		Name of Organisation* & Place	Designation/ Post Held	Gross Pay Drawn Rs.	Permanent/ Temp. Post
From	To				

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

13. Any other details :
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14. Particulars of close relatives : Name :  
working in NAL, if any  
Designation :  
Division :  
Relationship :

15. Are you under any bond/contractual obligation to serve Central / State Government / PSU / Autonomous or any other body / organization, YES  NO

16. Whether dismissed from service from any other Institution / Office or debarred by the Public Service Commission, YES  NO  , if yes, give details \_\_\_\_\_

17. ENCLOSURES: (Please tick the appropriate box and arrange the enclosures as per the serial number)

- |  |                          |  |                          |
|--|--------------------------|--|--------------------------|
| 1. SSLC/10 <sup>th</sup> Std Certificate<br>(Proof of DOB) | <input type="checkbox"/> | 5. Community Certificate                 | <input type="checkbox"/> |
| 2. 12 <sup>th</sup> Std. Certificate                       | <input type="checkbox"/> | 6. Experience Certificate                | <input type="checkbox"/> |
| 3. Degree/Diploma  | <input type="checkbox"/> | 7. Knowledge of Computer<br>Applications | <input type="checkbox"/> |
| 4. Degree/Diploma Marks sheets<br>(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