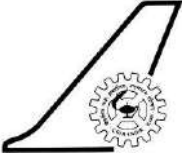


Date of Publication: 15th November 2024



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

Advt. No. 2/2024

APPLY OFFLINE ON OR BEFORE 15th Dec 2024
(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 Programs in Aerospace, CSIR-NAL is actively involved in supporting the National Aerospace Programs of ADA, DRDO, ISRO, HAL and IAF. Further, CSIR-NAL has a strong program in Civil Aircraft development including the nationally important project of design and development of a multirole Light Transport Aircraft (SARAS Mk2) and the Regional Turbo-Prop Aircraft (RTA). CSIR-NAL is also developing several aerospace technologies into spin-off industrial applications.

CSIR-NAL is looking for a Specialist Consultant (**individuals only**) for airframe assembly, Integration & equipping for light transport aircraft.

SPECIALIST CONSULTANT FOR AIRFRAME ASSEMBLY, INTEGRATION AND EQUIPPING OF SARAS MKII AIRCRAFT (1 POST):

A. Objective:

CSIR-National Aerospace Laboratories (CSIR-NAL) is designing a light transport aircraft and planning to build prototypes. A consultant is expected to mentor and guide the core project team for planning and execution of airframe structural assembly, sequencing, assembly procedures, stage inspections, methods, help to evolve the necessary documentation to comply the regulatory requirements/prototype quality standards.

B. Educational Qualification:

B.E/ B.Tech (Mechanical/ Aerospace/Aeronautical Engineering or Equivalent)

C. Experience:

1. Minimum 20 years of experience in airframe assembly, Integration & equipping
2. Experience in airframe assembly procedures, various methods of integration and techniques adopted in aerospace industries
3. Experience in handling major assembly of airframe components to final integration of Aircraft
4. Experience with various types of Jigs and fixtures used for assembly /integration process
5. Experience with various shop queries/snags raised during structural assembly and final integration operations
6. Experience with aviation regulatory/ inspection requirements involved in building the structural assembly and planning the stage inspections.

D. Scope of work:

I. Airframe assembly for SARAS Mk-II

- a) The consultant need to review airframe assembly procedures for aircraft prototypes and assembly aspects associated with Jigs & fixtures
- b) Coordination with Tooling team to bring out the requirement of Jigs and fixtures necessary for assembly /integration process
- c) To bring the best practices adopted in aircraft industries during assembly of aircraft prototype
- d) Coordinate with various design teams to clear the shop queries/snags which may arise during structural assembly operations
- e) Application of aviation regulatory/ inspection requirements involved in building the structural assembly and coordination with corresponding authorities
- f) Coordination with quality control team for scheduling the stage inspections, evolve necessary documentation to meet regulatory requirements

II. Aircraft level Integration for SARAS Mk-II

- a) Provide guidance for final integration of fuselage, wing, horizontal tail, vertical tail and control surfaces to realize the complete airframe structure of prototype
- b) Guide teams to Prepare the requirements of Ground support equipments (GSEs) and ground handling equipment (GHEs) necessary for final integration
- c) Highlight to project management about the requirements of ground facilities and aircraft hangar requirements in advance for preparing for integration activities

III. Systems Integration and equipping

- a) Co-ordinate with aircraft system's team for integration of various aircraft systems to the airframe structure. Assist in scheduling systems integration based on technical interferences and resource availability.
- b) Guidance for prototype inspection towards flight readiness.
- c) Plan shop floor layout best suited for building the prototype and system integration activities

IV. Any other supporting engineering task for execution of activities pertaining to SI No. I to III

E. Remuneration:

Consolidated pay per month is on par with Industrial Standards & varies with the experience and Specialisation in the field

F. Duration of engagement:

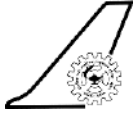
One year

GENERAL CONDITIONS:

1. The position offered through this advertisement is temporary and open to individual Specialist Consultant only.
2. The engagement will be for 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. Age of the consultant should not be more than **64 years**. Age will be reckoned as on last date for receipt of applications.
4. Relaxation: The qualifications, age and experience can be relaxed in the case of exceptionally meritorious candidates with the approval of DG, CSIR/Competent Authority.
5. 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.
6. 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.
7. The decision of CSIR-NAL/DG, CSIR 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.
8. Canvassing in any form and/or bringing in any influence political or otherwise will be treated as a disqualification for the post.
9. Selected Consultant has to execute an agreement for the engagement and Non Disclosure Agreement (NDA) in the prescribed format.
10. 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 superscripting "**Application for the Post of Specialist Consultant Advt. No. 2/2024**" ON OR BEFORE 15th Dec 2024, Addressed to:

**Controller of Administration
CSIR-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 Controller of Administration, CSIR-NATIONAL AEROSPACE LABORATORIES, P.B.No.1779, HAL AIRPORT ROAD, KODIHALLI, BENGALURU - 560017 on or before **15th December 2024**

1. Advertisement No. : **2 / 2024**
2. Post : **SPECIALIST CONSULTANT**

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

09. Date of Birth (Either passport / Aadhar Card)	<table border="1" style="width:100%; height: 20px; border-collapse: collapse;"> <tr> <td style="width: 50%;"></td> <td style="width: 50%;"></td> </tr> </table>			<table border="1" style="width:100%; height: 20px; border-collapse: collapse;"> <tr> <td style="width: 50%;"></td> <td style="width: 50%;"></td> </tr> </table>			<table border="1" style="width:100%; height: 20px; border-collapse: collapse;"> <tr> <td style="width: 33%;"></td> <td style="width: 33%;"></td> <td style="width: 33%;"></td> </tr> </table>			
10. Age (As on the closing date of application)	<table border="1" style="width:100%; height: 20px; border-collapse: collapse;"> <tr> <td style="width: 50%;"></td> <td style="width: 50%;"></td> </tr> </table>			<table border="1" style="width:100%; height: 20px; border-collapse: collapse;"> <tr> <td style="width: 50%;"></td> <td style="width: 50%;"></td> </tr> </table>			<table border="1" style="width:100%; height: 20px; border-collapse: collapse;"> <tr> <td style="width: 50%;"></td> <td style="width: 50%;"></td> </tr> </table>			

11. Educational/Professional Qualification etc.

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. Work Experience:

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

::3::

13. List of Awards/ Honours:

Sl. No.	Details of Awards/Honours	Professional Body	Citation of the Award

14. List of Publications

Sl. No	Title of Paper/Patent	Publisher	Year

15. Remuneration Details:

Duration of the consultancy is One Year

Expected remuneration (Monthly basis) :

Note:

1. Consultant to fill up expected remuneration above.
2. Total Remuneration is on par with Industry Standards and varies with experience and specialization in the field.
3. Remuneration will be decided by Competent Authority based on experience/expertise.

16. Willingness of the Consultant to be with the Project Team till the completion of certification on a payment basis Yes No

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17. Any other details :

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

Check List:

Please tick the appropriate box and arrange the enclosures/information:

Sl. No.	Details	Check Box
1.	Qualifications, Experience, Expertise etc.	<input type="checkbox"/>
2.	Copy of Passport/AADHAAR Card (Personal Details)	<input type="checkbox"/>
3.	Remuneration details (Refer Sl. No. 15 of the application)	<input type="checkbox"/>
4.	Prior assignment reference documents (Refer Sl. No. 12 of the application form)	<input type="checkbox"/>