



【800～1100万円】Rocket Propulsion Engineer

IT系プロジェクトマネージャーのご経験のある方は歓迎です。

Job Information

Recruiter

JAC Recruitment Co., Ltd.

Hiring Company

非公開

Job ID

1587481

Industry

Machinery

Job Type

Permanent Full-time

Location

Tokyo - 23 Wards

Salary

8 million yen ~ 11 million yen

Holidays

詳細は求人ご紹介時にご案内いたします。

Refreshed

May 16th, 2026 14:00

General Requirements

Career Level

Mid Career

Minimum English Level

Business Level

Minimum Japanese Level

Native

Minimum Education Level

Technical/Vocational College

Visa Status

Permission to work in Japan required

Job Description

【求人No NJB2293346】

■Key Responsibilities

- ・ Collaborate with other sub system teams of Structure Thermal GNC Avionics Operation and AIT supporting the lander propulsion design to a consistent system for current and future mission.
- ・ Support the propulsion team with technical point of view. Validate analysis and model in the propulsion team provide hands on feedback and modification plan and intervene those technical tasks as showing a better alternative approach if necessary. Prepare the related technical reports obtaining the approvals from the stakeholders.
- ・ Support propulsion design efforts for spacecraft system development with proposing practical applications such as trade off studies material component and manufacturing process selection while watching the feasibility in the project.
- ・ Find technical conflicts beyond the sub system level and lead a solution through sub system and system level discussions.
- ・ Support the creation and/or the maintenance of the spacecraft propulsion system relevant documents such as sub system requirement specification and sub system design specification.
- ・ Support FMECA launcher requirement and the range safety related to the propulsion system.

- Support the completion of the design reviews with closing the action items.
 - Support manufacturing procurement hardware assembly integration testing and launch operation related to the propulsion system which may include travel to the sites sometimes.
 - Evaluate component level and EPM tests related to the propulsion subsystem. Coordinate with suppliers if necessary.
 - Prepare operational plan and input to other sub system teams of Avionics Thermal GNC and Mission.
 - Report status and issues to the team lead and the group manager.
 - Support to build a strong team with effective communications in the team.
 - Maintain proactive coordination between the teams to balance and achieve project goal.
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Required Skills

■Basic Qualifications

Minimum 3 years experience in spacecraft propulsion design (not ship or airplane)

Have extensive test experiences with use of propulsion engineering models.

Have an experience in new industrial development project in aerospace field as a propulsion design engineer.

Have excellent interpersonal organizational and communication skills.

Be comfortable with change fast pace environment and learning new things.

Have extensive experience with CAD software packages and drawing makings for the propulsion components and the jigs.

Proactive attitude team player and strong responsibility for own works.

Working level of English Japanese business level is a plus

■Preferred Qualifications

Proficiency in Solidworks FEmap NASTRAN or equivalent software packages.

Have knowledge of mechanical design stress analysis material selection and fabrication processes for spaceflight hardware or equivalent.

Have knowledge of Geometric Dimension and Tolerance (GD T) and of the stack up calculation method for drawing tolerances.

Have knowledge of pressure drop analysis using dedicated pressure drop software.

Familiarity with pipework stand off selection propulsion component bracket design and pipework

Familiar with build verification procedures for spacecraft propulsion system.

Familiar with NDI and welding process.

Have experienced in coordinating external manufacturers.

Have an experience of team lead more than one year.

Speaking and writing skills in English and Japanese.

Company Description

ご紹介時にご案内いたします