Terms of References
For
Chief Consultant

Uttarakhand Landslide Mitigation and Management Center – (ULMMC)

Job Title:	Chief Consultant, Uttarakhand, Dehradun
Location:	ULMMC, Uttarakhand, Dehradun
Number of Post:	1
Contract term:	One year with possibility for extension
Start date:	Immediately
Responsible to:	Director General, Additional Director General, Director-ULMMC, Reporting Officer
Responsible for:	Leading all the ULMMC activities.

Background:

ULMMC is an autonomous institution; registered under Societies Registration Act 1860. The centre will serve on PAN India basis as a Centre of Excellence to provide sustainable solutions for landslide mitigation and management.

Landslide occurrences are very common in the Himalayan region largely because of its complex geology, tectonic instability, continuous erosion by rivers and streams, and high-intensity rainfall substantiated by upcoming hill development activities. Though the loss of life and property due to earthquakes and floods in India are much more than landslides, however, landslide occurrence being more frequent is considered to be a major geological hazard that adversely impacted the society. The Himalayan mountain belt is quite dynamic and active towards subsidence, rock fall, debris flow, avalanches etc. and the means of mitigation and/or corrective measures are scarce.

The state of Uttarakhand is one of the fast growing/developing states and have a huge tourist and pilgrims' influx. Therefore, good road connectivity, safe travel, parking, stay arrangements for tourists, solid waste management, black & grey water management/drainage are some key aspects to be addressed properly. Also, as a result of increasing urbanization in hilly terrains, slopes are being disturbed due to various construction activities particularly the road and building construction that facilitate the landslide activities.

It is utmost important to carefully coop up with the development activities without harming our environment, life(s) & property(s). Hence, there is a need to establish a center for Landslide Mitigation and Management to conduct landslide related research and investigations for landslide risk reduction through hazard/risk estimation, modelling, instrumentation and cost-effective mitigation measures integrated with long term solution comprising of various control measures that may suitable for a particular site. The main concerns under landslide disaster mitigation are spatial prediction of landslide hazard & risk assessment, modelling of landslide dynamics for efficient mitigation measures and development of early warning system along with sustainable slope stabilization works

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Person Specification:

- The minimum qualification should be MSc/ MSc Tech/ M.Tech in Geotechnical Engineering/Soil Mechanics/ Soil Dynamics / Rock Mechanics/ Geology/ Applied Geology/ Foundation Engineering with minimum 12+ years of experience mainly in landslide mitigation and slope stabilization and related works OR
- B.Tech in Civil Engineering with minimum 15 years of experience mainly in landslide mitigation and slope stabilization and related works
- IT skills including experience of MS Word, MS Excel, MS PowerPoint.
- Proficient in English and Hindi and able to write reports in both languages.
- Superior networking capability, paired with strong interpersonal and diplomatic skills; substantive ability and presence to represent ULMMC, as well as to interact effectively with senior management.
- **Age Limit:** not more than 65 years (contractual) and <60 years (on deputation).
- **Salary:** as per departmental scale (on deputation)/Rs. 200000- 250000 (on contractual basis) as per govt norms for retired personnels.

Scope of Work:

- Setting up long and short-term project goals under ULMMC objectives.
- End to end Supervision and monitoring of projects and progress review.
- Ensure timely completion of projects.
- Evaluation of mitigation measures schemes under ULMMC
- Preparation and Review of DPRs
- Bringing external projects on consulting mode
- Negotiating with vendors and clients
- Guiding the staff to achieve organizational goals.
- Any other relevant activity and task assigned

Terms of References
For
Principal Consultant

Uttarakhand Landslide Mitigation and Management Center – (ULMMC)

Job Title:	Principal Consultant, Uttarakhand, Dehradun
Location:	ULMMC, Uttarakhand, Dehradun
Number of Post:	1
Contract term:	One year with possibility for extension
Start date:	Immediately
Responsible to:	Director General, Additional Director General, Director-ULMMC, Reporting Officer
Responsible for:	Engineering, technical consultation for all ULMMC projects and activities.

Background:

ULMMC is an autonomous institution; registered under Societies Registration Act 1860. The centre will serve on PAN India basis as a Centre of Excellence to provide sustainable solutions for landslide mitigation and management.

Landslide occurrences are very common in the Himalayan region largely because of its complex geology, tectonic instability, continuous erosion by rivers and streams, and high-intensity rainfall substantiated by upcoming hill development activities. Though the loss of life and property due to earthquakes and floods in India are much more than landslides, however, landslide occurrence being more frequent is considered to be a major geological hazard that adversely impacted the society. The Himalayan mountain belt is quite dynamic and active towards subsidence, rock fall, debris flow, avalanches etc. and the means of mitigation and/or corrective measures are scarce.

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Person Specification:

- The minimum qualification should be MSc/ MSc Tech/ M Tech in Geotechnical Engineering/Soil Mechanics/ Soil Dynamics / Rock Mechanics/ Geology/ Applied Geology/ Foundation Engineering with minimum 10+ years of experience mainly in landslide mitigation and slope stabilization and related works OR
- B.Tech in Civil Engineering with minimum 12 years of experience mainly in landslide mitigation and slope stabilization and related works
- IT skills including experience of MS Word, MS Excel, MS PowerPoint.
- Proficient in English and Hindi and able to write reports in both languages.
- Superior networking capability, paired with strong interpersonal and diplomatic skills; substantive ability and presence to represent ULMMC, as well as to interact effectively with senior management.
- Work experience in Landslide mitigation and Slope Stabilization work in Himalayan terrain, worked as Team Leader/Project Leader in Projects of Govt. or reputed organizations or equivalents
- PhD candidate will be given preference
- **Age Limit:** <60 years
- **Salary:** Rs. 150000- 200000 (contractual)/ as per departmental scale (on deputation).

Scope of Work:

- Assigning tasks to engineers and drafting and preparing DPR along with subject experts
- Project report preparation and review of technical reports
- Coordinating implementation of mitigation measures at landslide sites.
- Analysis and recommendation of mitigation measures at landslide sites.
- Coordinate project activities with site Engineers
- Any other relevant task assigned

Terms of References
For
Superintending Engineer

Uttarakhand Landslide Mitigation and Management Center – (ULMMC)

Job Title:	Superintending Engineer, Uttarakhand, Dehradun
Location:	ULMMC, Uttarakhand, Dehradun
Number of Post:	1
Contract term:	One year with possibility for extension
Start date:	Immediately
Responsible to:	Director General, Additional Director General, Director-ULMMC, Reporting Officer
Responsible for:	Engineering, technical consultation for all ULMMC projects and activities.

Background:

ULMMC is an autonomous institution; registered under Societies Registration Act 1860. The centre will serve on PAN India basis as a Centre of Excellence to provide sustainable solutions for landslide mitigation and management.

Landslide occurrences are very common in the Himalayan region largely because of its complex geology, tectonic instability, continuous erosion by rivers and streams, and high-intensity rainfall substantiated by upcoming hill development activities. Though the loss of life and property due to earthquakes and floods in India are much more than landslides, however, landslide occurrence being more frequent is considered to be a major geological hazard that adversely impacted the society. The Himalayan mountain belt is quite dynamic and active towards subsidence, rock fall, debris flow, avalanches etc. and the means of mitigation and/or corrective measures are scarce.

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.

Person Specification:

- The minimum qualification should be B.Tech in Civil Engineering with minimum 15 years of experience in slope stabilization/ protection work/ landslide mitigation constructional and related work
- Working experience in Himalayan terrain
- Worked in the post of Superintending Engineer in Govt. or reputed organizations or equivalent.
- IT skills including experience of MS Word, MS Excel, MS PowerPoint.
- Proficient in English and Hindi and able to write reports in both languages.
- Superior networking capability, paired with strong interpersonal and diplomatic skills; substantive ability and presence to represent ULMMC, as well as to interact effectively with senior management.
- **Age limit:** <60 years
- **Salary:** as per departmental scale (on deputation)

Scope of Work:

- Landslide site visits and report preparation for mitigation plan
- Landslide field investigation and DPR preparation
- Determination of geotechnical properties of soil/rocks in the laboratory
- Slope stability analysis using versatile software and design of landslide control measures
- Design of structures using advanced software
- Evaluation of project costs
- Assigning tasks to quality engineers for monitoring the construction activities at site and report preparation.
- Establishment and maintenance of Geotechnical laboratory
- Any other relevant activity and task assigned

Terms of References
For
Executive Engineer

Uttarakhand Landslide Mitigation and Management Center – (ULMMC)

Job Title:	Executive Engineer, Uttarakhand, Dehradun
Location:	ULMMC, Uttarakhand, Dehradun
Number of Post:	2
Contract term:	One year with possibility for extension
Start date:	Immediately
Responsible to:	Director General, Additional Director General, Director-ULMMC, Reporting Officer
Responsible for:	Engineering, technical consultation for all ULMMC projects and activities.

Background:

ULMMC is an autonomous institution; registered under Societies Registration Act 1860. The centre will serve on PAN India basis as a Centre of Excellence to provide sustainable solutions for landslide mitigation and management.

Landslide occurrences are very common in the Himalayan region largely because of its complex geology, tectonic instability, continuous erosion by rivers and streams, and high-intensity rainfall substantiated by upcoming hill development activities. Though the loss of life and property due to earthquakes and floods in India are much more than landslides, however, landslide occurrence being more frequent is considered to be a major geological hazard that adversely impacted the society. The Himalayan mountain belt is quite dynamic and active towards subsidence, rock fall, debris flow, avalanches etc. and the means of mitigation and/or corrective measures are scarce.

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.

Person Specification:

- The minimum qualification should be B.Tech in Civil Engineering with minimum 10 years of experience in slope stabilization/ protection work/ landslide mitigation constructional and related work
- Working experience in Himalayan terrain
- Worked in the post of Executive Engineer in Govt. or reputed organizations or equivalent.
- IT skills including experience of MS Word, MS Excel, MS PowerPoint.
- Proficient in English and Hindi and able to write reports in both languages.
- Superior networking capability, paired with strong interpersonal and diplomatic skills; substantive ability and presence to represent ULMMC, as well as to interact effectively with senior management.
- **Age limit:** <60 years (on deputation)
- **Salary:** as per departmental scale (on deputation)

Scope of Work:

- Landslide site visits and report preparation for mitigation plan
- Landslide field investigation and DPR preparation
- Determination of geotechnical properties of soil/rocks in the laboratory
- Slope stability analysis using versatile software and design of landslide control measures
- Design of structures using advanced software
- Evaluation of project costs
- Manage and supervise engineering teams.
- Conduct site inspections and monitor progress report.
- Review specifications of estimates.
- Implement quality control processes.
- Prepare and submit progress reports to senior management.
- Conduct performance evaluations and provide feedback.

Terms of References
For
Hydrologist

Uttarakhand Landslide Mitigation and Management Center – (ULMMC)

Job Title:	Hydrologist, Uttarakhand, Dehradun
Location:	ULMMC, Uttarakhand, Dehradun
Number of Post:	1
Contract term:	One year with possibility for extension
Start date:	Immediately
Responsible to:	Director General, Additional Director General, Director-ULMMC, Reporting Officer
Responsible for:	Hydrological modeling and studies for all ULMMC projects and activities.

Background: ULMMC is an autonomous institution; registered under Societies Registration Act 1860. The Center will serve on PAN India basis as a Centre of Excellence to provide sustainable solutions for landslide mitigation and management.

Landslide occurrences are very common in the Himalayan region largely because of its complex geology, tectonic instability, continuous erosion by rivers and streams, and high-intensity rainfall substantiated by upcoming hill development activities. Though the loss of life and property due to earthquakes and floods in India are much more than landslides, however, landslide occurrence being more frequent is considered to be a major geological hazard that adversely impacted the society. The Himalayan mountain belt is quite dynamic and active towards subsidence, rock fall, debris flow, avalanches etc. and the means of mitigation and/or corrective measures are scarce.

The state of Uttarakhand is one of the fast growing/developing states and have a huge tourist and pilgrims' influx. Therefore, good road connectivity, safe travel, parking, stay arrangements for tourists, solid waste management, black & grey water management/drainage are some key aspects to be addressed properly. Also, as a result of increasing urbanization in hilly terrains, slopes are being disturbed due to various construction activities particularly the road and building construction that facilitate the landslide activities.

It is utmost important to carefully coop up with the development activities without harming our environment, life(s) & property(s). Hence, there is a need to establish a center for Landslide Mitigation and Management to conduct landslide related research and investigations for landslide risk reduction through hazard/risk estimation, modelling, instrumentation and cost-effective mitigation measures integrated with long term solution comprising of various control measures that may suitable for a particular site. The main concerns under landslide disaster mitigation are spatial prediction of landslide hazard & risk assessment, modelling of landslide dynamics for efficient mitigation measures and development of early warning system along with sustainable slope stabilization works

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Person Specification:

- B.Tech. in Civil Engineering with minimum 7 years' experience with main focus on hydrological studies. OR Masters in Hydrology, Water Resources Engineering, Environmental Science, Geology or related fields with minimum 5 years' experience in hydrological studies.
- Experience in hydro-geology, hydrological data analysis and interpretation, water quality, rainfall-runoff modeling, water flow analysis and related work
- Working experience in Himalayan terrain
- IT skills including experience of MS Word, MS Excel, MS PowerPoint.
- Proficient in English and Hindi and able to write reports in both languages.
- Superior networking capability, paired with strong interpersonal and diplomatic skills; substantive ability and presence to represent ULMMC, as well as to interact effectively with senior management.
- **Age limit:** <60 years
- **Salary: Salary:** Rs. 65000- 80000 (Contractual)/ as per departmental scale (on deputation)

Scope of Work:

- Drainage basin analysis
- Hydrological modeling using versatile software
- Evaluation and design of drainage systems
- Analyze rainfall patterns and intensity to predict potential landslide triggers
- Conduct field studies to collect hydrological data for landslide study
- Work closely with engineers and other specialists to integrate hydrological data for landslide risk assessments and engineering solutions.
- Any other relevant activity and task assigned.

Terms of References
For
IT Expert

Uttarakhand Landslide Mitigation and Management Center – (ULMMC)

Job Title:	IT Expert, Uttarakhand, Dehradun
Location:	ULMMC, Uttarakhand, Dehradun
Number of Post:	1
Contract term:	One year with possibility for extension
Start date:	Immediately
Responsible to:	Director General, Additional Director General, Director-ULMMC, Reporting Officer
Responsible for:	Managing and implementation of IT infrastructure, IT Administration and operations to support all ULMMC projects and activities.

Background:

ULMMC is an autonomous institution; registered under Societies Registration Act 1860. The Center will serve on PAN India basis as a Centre of Excellence to provide sustainable solutions for landslide mitigation and management.

Landslide occurrences are very common in the Himalayan region largely because of its complex geology, tectonic instability, continuous erosion by rivers and streams, and high-intensity rainfall substantiated by upcoming hill development activities. Though the loss of life and property due to earthquakes and floods in India are much more than landslides, however, landslide occurrence being more frequent is considered to be a major geological hazard that adversely impacted the society. The Himalayan mountain belt is quite dynamic and active towards subsidence, rock fall, debris flow, avalanches etc. and the means of mitigation and/or corrective measures are scarce.

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Person Specification:

- The minimum qualification should be B.Tech (IT/Comp Sc.)/MCA with minimum 3 years of experience in handling servers and website management.
- IT skills including experience of MS Word, MS Excel, MS PowerPoint.
- Proficient in English and Hindi and able to write reports in both languages.
- Superior networking capability, paired with strong interpersonal and diplomatic skills; substantive ability and presence to represent ULMMC, as well as to interact effectively with senior management.
- **Age limit:** <60 years
- **Salary: Salary:** Rs. 50000- 60000 (Contractual)/as per departmental scale (on deputation)

Scope of Work:

- Develop, implement, and maintain robust IT and MIS system aligned with ULMMC requirement.
- Ensure optimal management of databases to enhance performance and reliability.
- Ensure seamless integration of IT, MIS and Database Management with existing systems and databases.
- Oversee IT infrastructure, including hardware, software, and network components, to ensure seamless operations.
- Perform regular servicing and maintenance of IT requirements.
- Maintain comprehensive documentation of the MIS, including technical specifications, user guides, and training materials, Ensuring computer systems, servers, and networks run smoothly and efficiently
- Providing technical support to employees by solving issues related to software, hardware, or network
- Conduct online meeting, Management of website
- Providing real-time troubleshooting for connectivity, audio, video, and software issues during the meeting.
- Development of information database related to landslides
- Any other relevant task assigned.

Terms of References
For
Geologist

Uttarakhand Landslide Mitigation and Management Center – (ULMMC)

Job Title:	Geologist, Uttarakhand, Dehradun
Location:	ULMMC, Uttarakhand, Dehradun
Number of Post:	1
Contract term:	One year with possibility for extension
Start date:	Immediately
Responsible to:	Director General, Additional Director General, Director-ULMMC, Reporting Officer
Responsible for:	Geological study of landslides sites for all ULMMC projects and activities.

Background:

ULMMC is an autonomous institution; registered under Societies Registration Act 1860. The Center will serve on PAN India basis as a Centre of Excellence to provide sustainable solutions for landslide mitigation and management.

Landslide occurrences are very common in the Himalayan region largely because of its complex geology, tectonic instability, continuous erosion by rivers and streams, and high-intensity rainfall substantiated by upcoming hill development activities. Though the loss of life and property due to earthquakes and floods in India are much more than landslides, however, landslide occurrence being more frequent is considered to be a major geological hazard that adversely impacted the society. The Himalayan mountain belt is quite dynamic and active towards subsidence, rock fall, debris flow, avalanches etc. and the means of mitigation and/or corrective measures are scarce.

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It is utmost important to carefully coop up with the development activities without harming our environment, life(s) & property(s). Hence, there is a need to establish a center for Landslide Mitigation and Management to conduct landslide related research and investigations for landslide risk reduction through hazard/risk estimation, modelling, instrumentation and cost-effective mitigation measures integrated with long term solution comprising of various control measures that may suitable for a particular site. The main concerns under landslide disaster mitigation are spatial prediction of landslide hazard & risk assessment, modelling of landslide dynamics for efficient mitigation measures and development of early warning system along with sustainable slope stabilization works

.

Person Specification:

- The minimum qualification should be MSc/MSc Tech./M. Tech. in Geology/Applied Geology/Geological Technology with minimum 5 years of experience in slope stabilization works.
- 5 years of work experience in the area of slope stability in hilly terrains.
- PhD/Research/Projects/Professional experience will be counted in relevant field.
- IT skills including experience of MS Word, MS Excel, MS PowerPoint.
- Proficient in English and Hindi and able to write reports in both languages.
- Superior networking capability, paired with strong interpersonal and diplomatic skills; substantive ability and presence to represent ULMMC, as well as to interact effectively with senior management.
- **Age limit:** <60 years
- **Salary:** Rs. 65000- 80000 (contractual)/as per departmental scale (on deputation)

Scope of Work:

- Planning and conduct geological field survey
- Development of landslide database and maintain record of landslides in Uttarakhand Himalaya
- Engineering geological study of landslides sites
- Prepare geological map at larger scale
- Preliminary survey of landslide sites and report preparation
- Advises engineers on site selection for any constructional activity
- Any other relevant task assigned

Terms of References
For
Structural Engineer

Uttarakhand Landslide Mitigation and Management Center – (ULMMC)

Job Title:	Structural Engineer, Uttarakhand, Dehradun
Location:	ULMMC, Uttarakhand, Dehradun
Number of Post:	1
Contract term:	One year with possibility for extension
Start date:	Immediately
Responsible to:	Director General, Additional Director General, Director-ULMMC, Reporting Officer
Responsible for:	Design of structures using advanced software for all ULMMC projects and activities.

Background: ULMMC is an autonomous institution; registered under Societies Registration Act 1860. The Center will serve on PAN India basis as a Centre of Excellence to provide sustainable solutions for landslide mitigation and management.

Landslide occurrences are very common in the Himalayan region largely because of its complex geology, tectonic instability, continuous erosion by rivers and streams, and high-intensity rainfall substantiated by upcoming hill development activities. Though the loss of life and property due to earthquakes and floods in India are much more than landslides, however, landslide occurrence being more frequent is considered to be a major geological hazard that adversely impacted the society. The Himalayan mountain belt is quite dynamic and active towards subsidence, rock fall, debris flow, avalanches etc. and the means of mitigation and/or corrective measures are scarce.

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It is utmost important to carefully coop up with the development activities without harming our environment, life(s) & property(s). Hence, there is a need to establish a center for Landslide Mitigation and Management to conduct landslide related research and investigations for landslide risk reduction through hazard/risk estimation, modelling, instrumentation and cost-effective mitigation measures integrated with long term solution comprising of various control measures that may suitable for a particular site. The main concerns under landslide disaster mitigation are spatial prediction of landslide hazard & risk assessment, modelling of landslide dynamics for efficient mitigation measures and development of early warning system along with sustainable slope stabilization works

.

Person Specification:

- The minimum qualification should be Masters in Structural Engineering with minimum 5 years' experience in structural designing.
- Working experience in structural designs for landslide related projects and similar works.
- IT skills including experience of MS Word, MS Excel, MS PowerPoint.
- Proficient in English and Hindi and able to write reports in both languages.
- Superior networking capability, paired with strong interpersonal and diplomatic skills; substantive ability and presence to represent ULMMC, as well as to interact effectively with senior management.
- **Age limit:** <60 years
- **Salary: Salary:** Rs. 65000- 80000 (Contractual)

Scope of Work:

- Landslide site visits and report preparation for mitigation plan
- Landslide field investigation and DPR preparation
- Determination of geotechnical properties of soil/rocks in the laboratory
- Slope stability analysis using versatile software and design of landslide control measures
- Design of structures using advanced software
- Evaluation of project costs
- Assigning tasks to quality engineers for monitoring the construction activities at site and

report preparation.

- Establishment and maintenance of Geotechnical laboratory.
- Any other relevant activity and task assigned.

Terms of References
For
Design Engineer

Uttarakhand Landslide Mitigation and Management Center – (ULMMC)

Job Title:	Design Engineer, Uttarakhand, Dehradun
Location:	ULMMC, Uttarakhand, Dehradun
Number of Post:	3
Contract term:	One year with possibility for extension
Start date:	Immediately
Responsible to:	Director General, Additional Director General, Director-ULMMC, Reporting Officer
Responsible for:	Investigation and Landslide mitigation measure of structures using advanced software for all ULMMC projects.

Background:

ULMMC is an autonomous institution; registered under Societies Registration Act 1860. The Center will serve on PAN India basis as a Centre of Excellence to provide sustainable solutions for landslide mitigation and management.

Landslide occurrences are very common in the Himalayan region largely because of its complex geology, tectonic instability, continuous erosion by rivers and streams, and high-intensity rainfall substantiated by upcoming hill development activities. Though the loss of life and property due to earthquakes and floods in India are much more than landslides, however, landslide occurrence being more frequent is considered to be a major geological hazard that adversely impacted the society. The Himalayan mountain belt is quite dynamic and active towards subsidence, rock fall, debris flow, avalanches etc. and the means of mitigation and/or corrective measures are scarce.

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It is utmost important to carefully coop up with the development activities without harming our environment, life(s) & property(s). Hence, there is a need to establish a center for Landslide Mitigation and Management to conduct landslide related research and investigations for landslide risk reduction through hazard/risk estimation, modelling, instrumentation and cost-effective mitigation measures integrated with long term solution comprising of various control measures that may suitable for a particular site. The main concerns under landslide disaster mitigation are spatial prediction of landslide hazard & risk assessment, modelling of landslide dynamics for efficient mitigation measures and development of early warning system along with sustainable slope stabilization works

.

Person Specification:

- The minimum qualification should M. Tech. in Geotechnical Engineering/ Structural Engineering or equivalent with minimum 5 years of experience.
- Working experience in the field of Geotechnical Investigations, slope stability analysis, designing of structures related with landslide mitigation
- Working experience in Himalayan terrain
- IT skills including experience of MS Word, MS Excel, MS PowerPoint.
- Proficient in English and Hindi and able to write reports in both languages.
- Superior networking capability, paired with strong interpersonal and diplomatic skills; substantive ability and presence to represent ULMMC, as well as to interact effectively with senior management.
- **Age limit:** <60 years
- **Salary: Salary:** Rs. 65000- 80000 (Contractual)

Scope of Work:

- Landslide site visits and report preparation for mitigation plan
- Landslide field investigation and DPR preparation
- Determination of geotechnical properties of soil/rocks in the laboratory

- Slope stability analysis using versatile software and design of landslide control measures
- Design of structures using advanced software
- Evaluation of project costs
- Assigning tasks to quality engineers for monitoring the construction activities at site and report preparation.
- Establishment and maintenance of Geotechnical laboratory
- Any other relevant activity and task assigned.

Terms of References
For
Earthquake Engineer

Uttarakhand Landslide Mitigation and Management Center – (ULMMC)

Job Title:	Earthquake Engineer, Uttarakhand, Dehradun
Location:	ULMMC, Uttarakhand, Dehradun
Number of Post:	1
Contract term:	One year with possibility for extension
Start date:	Immediately
Responsible to:	Director General, Additional Director General, Director-ULMMC, Reporting Officer
Responsible for:	Review/monitoring of Earthquake related projects for all ULMMC projects and activities.

Background:

ULMMC is an autonomous institution; registered under Societies Registration Act 1860. The Center will serve on PAN India basis as a Centre of Excellence to provide sustainable solutions for landslide mitigation and management.

Landslide occurrences are very common in the Himalayan region largely because of its complex geology, tectonic instability, continuous erosion by rivers and streams, and high-intensity rainfall substantiated by upcoming hill development activities. Though the loss of life and property due to earthquakes and floods in India are much more than landslides, however, landslide occurrence being more frequent is considered to be a major geological hazard that adversely impacted the society. The Himalayan mountain belt is quite dynamic and active towards subsidence, rock fall, debris flow, avalanches etc. and the means of mitigation and/or corrective measures are scarce.

The state of Uttarakhand is one of the fast growing/developing states and have a huge tourist and pilgrims' influx. Therefore, good road connectivity, safe travel, parking, stay arrangements for tourists, solid waste management, black & grey water management/drainage are some key aspects to be addressed properly. Also, as a result of increasing urbanization in hilly terrains, slopes are being disturbed due to various construction activities particularly the road and building construction that facilitate the landslide activities.

It is utmost important to carefully coop up with the development activities without harming our environment, life(s) & property(s). Hence, there is a need to establish a center for Landslide Mitigation and Management to conduct landslide related research and investigations for landslide risk reduction through hazard/risk estimation, modelling, instrumentation and cost-effective mitigation measures integrated with long term solution comprising of various control measures that may suitable for a particular site. The main concerns under landslide disaster mitigation are spatial prediction of landslide hazard & risk assessment, modelling of landslide dynamics for efficient mitigation measures and development of early warning system along with sustainable slope stabilization works

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Person Specification:

- The minimum qualification should be M.Sc. Tech/ M.Tech. in Earthquake Engineering/Geotechnical Earthquake Engineering/ Geophysics or equivalent with minimum 5 years of working experience
- Work experience in seismology/seismic data, processing and interpretation, earthquake building design and analysis of structure and relevant fields.
- Working experience in Himalayan terrain
- IT skills including experience of MS Word, MS Excel, MS PowerPoint.
- Proficient in English and Hindi and able to write reports in both languages.
- Superior networking capability, paired with strong interpersonal and diplomatic skills; substantive ability and presence to represent ULMMC, as well as to interact effectively with senior management.
- **Age limit:** <60 years
- **Salary: Salary:** Rs. 65000- 80000 (Contractual)

Scope of Work:

- Review/monitoring of Earthquake related Projects
- Analysis of geotechnical earthquake engineering data

- Analysis and interpretation of seismic data in relation to landslide hazards
- Seismic design of structures
- Having working knowledge of Geophysical equipment like GPR, Resistivity, MASW etc.
- Geophysical Investigations of Landslide sites
- Analysis and Interpretation of Geophysical data
- Any other relevant activity and task assigned

Terms of References
For
Quality Control Engineer

Uttarakhand Landslide Mitigation and Management Center – (ULMMC)

Job Title:	Quality Control Engineer, Uttarakhand, Dehradun
Location:	ULMMC, Uttarakhand, Dehradun
Number of Post:	2
Contract term:	One year with possibility for extension
Start date:	Immediately
Responsible to:	Director General, Additional Director General, Director-ULMMC, Reporting Officer
Responsible for:	Quality control related activities and documents for all ULMMC projects and activities.

Background:

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Person Specification:

- The minimum qualification should be Diploma in Civil Engineering with minimum 5 years of experience in quality assurance and testing.
- Working experience in Himalayan terrain.
- IT skills including experience of MS Word, MS Excel, MS PowerPoint.
- Proficient in English and Hindi and able to write reports in both languages.
- Superior networking capability, paired with strong interpersonal and diplomatic skills; substantive ability and presence to represent ULMMC, as well as to interact effectively with senior management.
- **Age limit:** <60 years
- **Salary: Salary:** Rs. 40000- 50000 (Contractual)

Scope of Work:

- Accountable for the quality of every activity and engineering construction relating to Civil, Architectural and Structural Discipline interfacing the multidisciplinary interfaces
- Responsible for Quality control documents of every civil activity done under the complete project, including certificates, test results, inspection requests, non-compliance reports and site instructions/ observations, and other Quality control related

documents.

- Verifying the implementations and operations of the quality control systems, by planning and conducting internal audits and inspections activities on Project sites
- Onsite monitoring of landslide mitigation measures
- Quality check of construction material
- Estimation of construction materials
- Laboratory testing
- Field survey of landslide sites
- Any other relevant activity and task assigned

Terms of References
For
Environmental Expert

Uttarakhand Landslide Mitigation and Management Center – (ULMMC)

Job Title:	Environmental Expert, Uttarakhand, Dehradun
Location:	ULMMC, Uttarakhand, Dehradun
Number of Post:	1
Contract term:	One year with possibility for extension
Start date:	Immediately
Responsible to:	Director General, Additional Director General, Director-ULMMC, Reporting Officer
Responsible for:	Environmental studies and impact assessment of projects for all ULMMC projects and activities.

Background:

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Person Specification:

- The minimum qualification should be PG in Environment Sciences with minimum 5 years of experience in environment and forest land transfer activities
- Working experience in Himalayan terrain
- IT skills including experience of MS Word, MS Excel, MS PowerPoint.
- Proficient in English and Hindi and able to write reports in both languages.
- Superior networking capability, paired with strong interpersonal and diplomatic skills; substantive ability and presence to represent ULMMC, as well as to interact effectively with senior management.
- **Age limit:** <60 years
- **Salary:** Rs. 65000- 80000 (Contractual)

Scope of Work:

- Prepare environmental screening and management plan
- Occupational health safety for field workers
- Environmental impact assessment for projects
- Environmental studies in and around site projects under ULMMC,

- Monitoring work quality, budget, schedule, and compliance with environmental specifications, rules, regulations, and laws in project site.
- Develop strategies to stabilize slopes considering environmental sustainability.
- Ensure use of policies and practices that promote land-use planning and sustainable development to reduce the risk of landslides.
- Any other relevant task assigned

Terms of References
For
Social/ Community Development Expert

Uttarakhand Landslide Mitigation and Management Center – (ULMMC)

Job Title:	Social/ Community Development Expert, Uttarakhand, Dehradun
Location:	ULMMC, Uttarakhand, Dehradun
Number of Post:	1
Contract term:	One year with possibility for extension
Start date:	Immediately
Responsible to:	Director General, Additional Director General, Director-ULMMC, Reporting Officer
Responsible for:	Social impact assessment and studies for all ULMMC projects and activities.

Background:

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Landslide occurrences are very common in the Himalayan region largely because of its complex geology, tectonic instability, continuous erosion by rivers and streams, and high-intensity rainfall substantiated by upcoming hill development activities. Though the loss of life and property due to earthquakes and floods in India are much more than landslides, however, landslide occurrence being more frequent is considered to be a major geological hazard that adversely impacted the society. The Himalayan mountain belt is quite dynamic and active towards subsidence, rock fall, debris flow, avalanches etc. and the means of mitigation and/or corrective measures are scarce.

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Person Specification:

- The minimum qualification should be PG in social Sciences/MSW with minimum 5 years of experience in the field of land acquisition and resettlement through RFCTLAR &R act.
- Working experience in Himalayan terrain
- IT skills including experience of MS Word, MS Excel, MS PowerPoint.
- Proficient in English and Hindi and able to write reports in both languages.
- Superior networking capability, paired with strong interpersonal and diplomatic skills; substantive ability and presence to represent ULMMC, as well as to interact effectively with senior management.
- **Age limit:** <60 years
- **Salary: Salary:** Rs. 65000- 80000 (Contractual)

Scope of Work:

- Prepare community development plan and documentation such as Social Impact Assessment including Socio- Economic surveys and Resettlement Action Plans, as required/indicated by social assessment.
- Prepare Environmental Social screening and management plan

- Social impact assessment
- Conduct social screening of ULMMC Project's activities.
- Work with local communities to raise awareness about landslide risks
- Prepare capacity building plans and training/IEC material
- Preparing resettlement plan (RAP)
- Conduct training for local residents, focusing on how to respond to early warning systems, evacuation procedures etc.
- Any other relevant activity and task assigned

Terms of References
For
Documentation Expert

Uttarakhand Landslide Mitigation and Management Center – (ULMMC)

Job Title:	Documentation Expert, Uttarakhand, Dehradun
Location:	ULMMC, Uttarakhand, Dehradun
Number of Post:	1
Contract term:	One year with possibility for extension
Start date:	Immediately
Responsible to:	Director General, Additional Director General, Director-ULMMC, Reporting Officer
Responsible for:	Systematic Documentation of all ULMMC Projects/activities.

Background:

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Person Specification:

- The minimum qualification should be Bachelor in Science/Technology/Engineering or Master's Degree/Equivalent in any field.
- Experience- At least 05 years (with Bachelor in Science/Technology/Engineering) OR At least 02 years (with Master's Degree/Equivalent in any field) of related experience in note/ presentation preparation, documentation, record management, data analysis with Central Government/ State Government/ Public Sector Organizations/ Externally aided Project (EAP)/ Multilateral Organizations/ International Organizations/ International NGOs/ Reputed Corporate Organizations.
- IT skills including experience of MS Word, MS Excel, MS PowerPoint.
- Proficient in English and Hindi and able to write reports in both languages.
- Superior networking capability, paired with strong interpersonal and diplomatic skills; substantive ability and presence to represent ULMMC, as well as to interact effectively with senior management and with other units around results.
- **Age limit:** < 60 years
- **Salary:** Rs. 60000 - 75000

Scope of Work:

a) Day to day management, upkeep and maintenance of office files, documents, and reports etc.
b) Develop a long-term strategy for effective storage and retrieval of Center's Documents as and when necessary.
c) Protect sensitive information, make teams more efficient and improve accessibility to Center's Documents for authorized personnel.
d) Ensure preparation of Center Reports / Filing etc. as per ULMMC guidelines.
e) Edit the reports and other documents as and when required by the ULMMC.
f) Assist ULMMC in getting approval of various reports from various authorities like GB, EC etc.
g) Participate in the meeting related to preparation of various reports and work packages and provide necessary inputs.
h) Prepare periodic (monthly, quarterly, and annual) reports and document good practices and lessons learnt for dissemination within the ULMMC.
i) Participate in periodic trainings of the ULMMC staff on Documentation.
j) Any other relevant work as and when required.

Terms of References
For
Manager Office Management

Uttarakhand Landslide Mitigation and Management Center – (ULMMC)

Job Title:	Manager Office Management, Uttarakhand, Dehradun
Location:	ULMMC, Uttarakhand, Dehradun
Number of Post:	1
Contract term:	One year with possibility for extension
Start date:	Immediately
Responsible to:	Director General, Additional Director General, Director-ULMMC, Reporting Officer
Responsible for:	All the Office management related activities of ULMMC projects and activities.

Background:

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Person Specification:

- The minimum qualification should be Post Graduate with 5 years of experience or Graduate with minimum 8 years of experience in office management preferred for good communication skill in English and Hindi
- IT skills including experience of MS Word, MS Excel, MS PowerPoint.
- Proficient in English and Hindi and able to write reports in both languages.
- Superior networking capability, paired with strong interpersonal and diplomatic skills; substantive ability and presence to represent ULMMC, as well as to interact effectively with senior management.
- **Age limit:** <60 years
- **Salary: Salary:** Rs. 60000- 75000

Scope of Work:

- Day to day management, upkeep and maintenance of office equipment's and fulfilling requirements of various officials pertaining to office support staff.
- Help the ULMMC to prepare reimbursement documentation with respect to office

expenses in the project implementation unit.

- Maintains office mail systems and other relevant documents for ULMMC.
- Event /training management, Office record keeping.
- Assessment of requirement in ULMMC office and report submission to Director/ ADG/DG.
- Coordinate with procurement section to prepare document for advertising the quotation/notices or Collection of quotation for various shopping activities
- Coordinate with contractors and service providers for maintenance, cleaning, and other building services.
- Ensure compliance with safety regulations and manage office security systems
- Ensure effective use of office resources, including personnel, equipment and tools.
- Oversee and coordinate training / conferences/ meetings
- Identify and implement strategies to improve office efficiency and productivity.
- Address and resolve office interpersonal conflicts or issues and keep record of law related matters
- Ensure a safe working environment for all employees.
- Any other relevant activity and task assigned

Terms of References
For
Data Entry Operator

Uttarakhand Landslide Mitigation and Management Center – (ULMMC)

Job Title:	Data Entry Operator, Uttarakhand, Dehradun
Location:	ULMMC, Uttarakhand, Dehradun
Number of Post:	3
Contract term:	One year with possibility for extension
Start date:	Immediately
Responsible to:	Director General, Additional Director General, Director-ULMMC, Reporting Officer
Responsible for:	Systematic Documentation of all ULMMC activities.

Background:

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Person Specification:

- The minimum qualification should be Graduate in any discipline (knowledge of MS Office Tools, Typing speed minimum 5000 KDPH in English and 4000 KDPH in Hindi)
- Experience- At least 03 years of related experience in data entry operator work
- Can demonstrate Entry level IT skills including experience of MS Word, MS Excel, MS PowerPoint.
- **Age limit:** < 60 years
- **Salary** Rs. 20000- 25000

Scope of Work:

k) Support senior managers and executives with data feeding and data entry tasks.
l) Providing information based on data entry function to the right individuals, as well as composing and typing correspondence.
m) Organize and maintain data entry records and files, including creating reports.
n) Efficiency in Computer operating, Data entry, Data record keeping and Data entry

operation

o) Management of official letters
p) Typing letters and reports in English and Hindi
q) Provide assistance to administrative, Accounts, HR and technical sections
r) Management of project files
s) Any other relevant work as and when required.