

Phone & Fax:- 0135-2531154, 2530431



कार्यालय मुख्य अभियन्ता स्तर-1 (मुख्यालय)
लोक निर्माण विभाग उत्तराखण्ड देहरादून



OFFICE OF CHIEF ENGINEER LEVEL-1, P.W.D., DEHRADUN, UTTARAKHAND

Website-<http://pwd.uk.gov.in>

E-Mail-pwdua@rediffmail.com

विज्ञापित

उत्तराखण्ड लोक निर्माण विभाग में निम्नलिखित पदों पर संविदा के आधार पर 01 वर्ष तक जो की आवश्यकतानुसार आगे भी बढ़ाया जा सकता है, हेतु योग्य अभ्यर्थियों से आवेदन आवंटित किये जाते हैं। जो अभ्यर्थी उक्त पद पर नियुक्ति हेतु योग्यता रखता हो आवेदन कर सकता है।

निर्धारित आवेदन प्रारूप तथा अन्य सम्बन्धित जानकारी उत्तराखण्ड लोक निर्माण विभाग की वेबसाइट <http://pwd.uk.gov.in> पर दिनांक 10 दिसम्बर, 2013 से दिनांक 31 दिसम्बर, 2013 तक उपलब्ध हैं। आवेदन प्रारूप पूर्ण रूप से भरकर दिनांक 31 दिसम्बर, 2013 से पूर्व अथवा दिनांक 31 दिसम्बर, 2013 तक कार्यालय मुख्य अभियन्ता स्तर -1 (मुख्यालय), लोक निर्माण विभाग, यमुना कालोनी, देहरादून पिन-248001 में उपलब्ध करा दिया जाए।

पदों का विवरण :-

Sl. No.	Name of Post	Number of Post	Education Qualification	
			Essential	Desirable
Bridge CELL				
1	Structural Design Engineer	01	Master's degree in Structural Engineering (Experience Requirements as per TOR)	A good understanding of Structural /bridge/Geotechnical Engineering, Engineering Drawing, Latest Structural Designing Software Tools, etc.

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(LALIT MOHAN)
ENGINEER-IN-CHIEF
PUBLIC WORKS DEPARTMENT

13/12/13



कार्यालय मुख्य अभियन्ता स्तर-1 (मुख्यालय)
लोक निर्माण विभाग उत्तराखण्ड देहरादून

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Advertisement

Applications on prescribed form are invited from the eligible Indian citizens on contract basis for appointment up to one year (extendable further as per requirements) on the following posts in Public Works Department, Uttarakhand.

Prescribed application form, terms of reference and other related information will be available on our website pwd.gov.in from 10th December, 2013 to 31st December, 2013. The duly filled application form complete in all respect must reach the office of Chief Engineer level-1(Headquarters), Public Works Department, Uttarakhand, Yamuna Colony, Dehradun, Pin 248001 on or before 31st December, 2013.

Details of Posts :-

Sl. No.	Name of Post	Number of Post	Education Qualification	
			Essential	Desirable
Bridge CELL				
1	Structural Design Engineer	01	Master's degree in Structural Engineering (Experience Requirements as per TOR)	A good understanding of Structural /bridge/Geotechnical Engineering, Soil Investigation, Engineering Drawing, Latest Structural Designing Software Tools, etc.


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PUBLIC WORKS DEPARTMENT

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TERMS OF REFERENCE - STRUCTURAL DESIGN ENGINEER

General functions:

The Structural Design Engineer will be responsible and accountable for Structural Designs and joint supervision of Major cross drainage structures and buildings and capacity building of PWD Engineers. Upon completion of design phase of a structural engineering project, site supervision and required design modifications / as constructed database will be required. The incumbent will work as an integral part of the Planning and Design Unit at the Office of the Engineer in Chief Public Works Department, Uttarakhand at Dehradun to perform the following duties:

Building Works (Planning, Design and Construction)

- ✓ Responsible for ensuring that all designs produced are in accordance with the requirements for completeness, accuracy, constructability, and compliance to seismic requirements of the National Building Code (NBC) and prevalent life safety codes.
- ✓ Coordinating technical drawings with those of design architect, assisting the designers in designing a building that meets applicable codes and standards, highly resistant to earthquake motion while providing the best combination of cost, construction efficiency and system durability available.
- ✓ Design of structural drawings, from schematic design through to working drawings; preparing and coordinating structural specifications and compile the final design package (drawings, specifications, design analysis, design calculations, and bills of quantities) in close coordination with the designated Architect.
- ✓ Provide Code Analysis for each building type.
- ✓ Evaluate geotechnical reports, and calculate structural design accordingly.
- ✓ Provide structural design analysis.
- ✓ Provide feasible building systems that employ standard construction techniques following established design parameters.
- ✓ Attend and participate in design or pre-construction conferences and other meetings with clients as necessary to establish design parameters.
- ✓ Coordinate schedule of drawings for contract documents.
- ✓ Communicate with the project manager (EE or SE concerned), client, other disciplines and consultants as required.
- ✓ Prepare or assist in preparation of construction administration phase documents.
- ✓ Conduct on-site meetings to assist in clarifying technical design elements as required.
- ✓ Assist in the development of future project proposals.
- ✓ Perform other project-related duties as may be assigned by the Employer, the Engineer in Chief Public Works Department, Uttarakhand.

Major Cross Drainage Works (Planning, Design and Construction)

- ✓ Review designs, specifications, construction methods, etc. for bridges and cross drainage structures.
- ✓ Manage inspections of bridges and major cross drainage structures constructions with due attention to seismic resistance requirements.
- ✓ Provide recommendations to PWD, Uttarakhand on bridge and structures conditions assessment and maintenance.
- ✓ Raise the PWD's capacity and awareness on international standards for bridge and structures design, construction and maintenance.
- ✓ Bridge and hydraulic structure Inspections and design
- ✓ Retaining wall design
- ✓ Analysis and design of Seismic retrofitting of cross drainage structures

- ✓ Bridge condition assessment and maintenance
- ✓ Bridge and hydraulic structure design
- ✓ Bridge condition assessment and construction supervision
- ✓ Sampling and testing
- ✓ Coordination and liaison with Site Level Officers and Project Engineers.
- ✓ Conduct regular visits to the project sites and report on the progress to the Engineer in Chief.

Desirable Qualifications and Skills:

(Education, experience and competencies)

Education:

Masters in Structural Engineering with a good understanding of Geotechnical Engineering, Soil Investigation, Engineering Drawing, Latest Structural Designing Software Tools.

Essential experience and qualifications:

At least 10 years' experience in structural design of buildings and bridges.

Experienced in the planning, implementation and completion of structural engineering projects.

Experienced in reinforced concrete, steel frame and prefabricated vertical structures.

Good knowledge on contemporary construction materials.

Must have good Code knowledge (NBC, BIS, other international codes etc).

AutoCAD, Civil 3D, Staad Pro proficiency is preferred.

Experience of finite element analysis and dynamic analysis of structures and related software's.

Desirable qualifications:

Project Management knowledge and experience is a major plus.

Communication and negotiation skills:

Drive for results with effective resource management skills. Flexibility and focus on processes and their improvements. Ability to work effectively and harmoniously with colleagues from varied cultures and professional backgrounds.

Languages:

Thorough knowledge of English; working knowledge of Hindi language will be an advantage.

Duty Station: Dehradun, Uttarakhand

Duration: 24 months with possibility of extension

Permissible Leaves per year: 14 Casual Leaves.

JOB APPLICATION FORM

Position Applied For: _____

PERSONAL INFORMATION

Full Name : _____

Nationality: _____

Address: _____

_____ Postal Code: _____

Contact No.: _____ Email address: _____

ACADEMIC QUALIFICATIONS

Date		College/Institutions Attended	Qualifications Obtained	Subjects/Specialisation	Percentage/ grades
From	To				

OTHER QUALIFICATIONS / COURSES ATTENDED / AWARDS ATTAINED

Date		Qualification	Awarding Institution
From	To		

EMPLOYMENT HISTORY

Date		Firm/Institution (in chronological order)	Position Held	Key Responsibilities	Reason(s) for Leaving
From	To				

DETAILS OF CURRENT EMPLOYMENT

Present Employer: _____ Designation: _____

Present monthly salary: _____ Bonus: _____

Key Responsibilities: _____

Minimum joining period required _____ (weeks)

Reason for leaving: _____

EXPECTED MONTHLY SALARY: _____

(Please also attach your updated resume along with this application form)

REFEREES

1. Name: _____ Designation: _____

Organisation Name: _____

Contact No.: _____ Email Address: _____

2. Name: _____ Designation: _____

Organisation Name: _____

Contact No.: _____ Email Address: _____

REASON(S) FOR APPLYING FOR THIS JOB

I verify that the above information is correct to the best of my knowledge.
I accept that providing false information deliberately could result in my dismissal.

Signature: _____ Date: _____