

Website-<http://pwd.uk.gov.in>E-Mail-eicpwwduk@nic.in

Letter no:- 851/588 एड-सा-115

Date:- 13/04/17

ADVERTISEMENT

Applications are invited from eligible Indian citizens for short term appointment on the following posts in Public Works Department, Uttarakhand.

Terms of reference and other related information are available on the website of PWD, Uttarakhand "<http://pwd.uk.gov.in>" from 17th April, 2017 to 13th May, 2017. Application form complete in all respect must reach By Post or Personally to the office of Chief Engineer level-1 (Headquarters), Public Work Department, Uttarakhand, Yamuna Colony, Dehradun, Pin 248001 on or before 13th May 2017.

Sl No.	Name of Post	Number of Post	Educational Qualification		Annual Remuneration
			Essential	Desirable	
1	Structural Design Engineer (Bridge CELL)	01	Master in Structural Engineering	A good understanding of Geotechnical Engineering, Soil Investigation, Engineering Drawing, Latest Structural Designing Software Tools. (Experience Requirements as per TOR)	Rs. 8,40,000.00/- (Rupees Eight Lakh fourty Thousand Only) gross per annum. However Salary shall not be a constraint for deserving candidate

nd Chief Engineer level 1 (Headquarters)



Phone & Fax:- 0135-2530467, 2530431

कार्यालय प्रमुख अभियन्ता एवं विभागाध्यक्ष,
लो0नि0वि0, उत्तराखण्ड, देहरादून



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पत्रांक:- 851/588-सं/सा.15

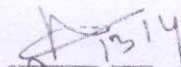
दिनांक: 13/04/17

विज्ञप्ति

उत्तराखण्ड लोक निर्माण विभाग में निम्नलिखित पद पर संविदा के आधार पर अल्पकालिक तैनाती हेतु योग्य अभ्यर्थियों से आवेदन मांगे जाते हैं। जो अभ्यर्थी उक्त पद पर नियुक्ति हेतु योग्यता रखते हो आवेदन कर सकते हैं।

सम्बन्धित जानकारी उत्तराखण्ड लोक निर्माण विभाग की वेबसाइट <http://pwd.uk.gov.in> पर दिनांक 17-04-2017 से दिनांक 13-05-2017 तक उपलब्ध रहेगी। आवेदन व्यक्तिगत/ डाक के माध्यम से दिनांक 13-05-2017 तक कार्यालय मुख्य अभियन्ता स्तर-1 (मुख्यालय) लोक निर्माण विभाग, यमुना कालोनी, देहरादून पिन 248001 में उपलब्ध कराने होंगे।

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मुख्य अभियन्ता स्तर-1 (मुख्यालय)

TERMS OF REFERENCE STRUCTURAL DESIGN ENGINEER

Introduction

The uttarakhand public works department with a legacy of more than 130 years is a major engineer department in the state of uttarakhand responsible for the up keep and construction of roads, bring and important buildings in the state. The geographical terrain of the state is primarily hilly necessitating the construction of major bridges and bridle bridges across the road network and construction of buildings keeping in consideration the seismic and aesthetic requirements.

Uttarakhand Public Works Department require services of STRUCTURAL DESIGN ENGINEER for

- Designing bridges (mainly steel bridges), abutments and foundations
- Checking existing design and standardizes typical design for PWD Uttarakhand
- Getting field investigation done by reputed consultants
- Arranging consultant and proof consultant if any
- Assuring that consultants is providing safe and economical design
- Transfer of knowledge to departmental officers
- Supervising bridges under construction and advising concerned field units
- As a Key Advisor to PWD uttarakhand in respect of bridges
-

The Structural Design Engineer Shall be responsible for :-

- Responsible for ensuring that all designs produced are in accordance with the requirements for completeness, accuracy, constructability, and compliance to seismic requirements of the relevant IRC code and prevalent life safety codes,
- 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.
- 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 field units.
- Provide code analysis for each bridge.
- Evaluate geotechnical reports, and calculate structural design accordingly.

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:

Atleast 10 years' experience in structural design of bridges.

Experience 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 (IRC, BIS, other international codes etc).

Auto CAD, 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.

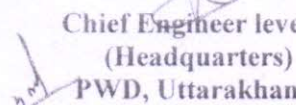
Duty station: Dehradun, uttarakhand.

Selection procedure: The selection of candidate will be made as per uttarakhand government rules and policy of public works department, uttarakhand by Qualification Based Selection (QBS)

Appointment procedure: Initially the appointment will be made on contractual /outsorce basis for one year and may increase the tenure annual basis with mutual consent further.

Remuneration: Sum of 8,40,000.00/- (Rupees Eight Lakh fourty Thousand Only) gross per annum. However Salary shall not be a constraint for deserving candidate.

Permissible Leaves per year: 14 Casual Leaves.


Chief Engineer level I
(Headquarters)
PWD, Uttarakhand