

Recruitment of Engineering professionals on contract basis

BITES Ltd., a Mini Ratna Central Public Sector Enterprise under the Ministry of Railways, Govt. of India is a premier multi-disciplinary consultancy organization in the fields of transport, infrastructure and related technologies.

BITES Ltd. is in urgent need of dynamic and hard working professionals as under:

VC No	Post	Vacancies					
		UR	EWS	OBC (NCL)	SC	ST	Total
26/22	Senior Geologist	1	-	-	-	-	1
27/22	Geologist	-	-	1	-	-	1

Age Limit

VC No	Post	Maximum Age	Cut-off date for calculation of age
26/22	Senior Geologist	45 years	01.08.2022
27/22	Geologist	40 years	

Minimum Qualifications & Experience

VC No	Designation	Minimum Educational Qualification*	Minimum post - qualification experience**
26/22	Senior Geologist	M.Sc in Geology/ Applied Geology	15 years
27/22	Geologist		5 years

****Experience is defined as under:**

For Senior Geologist, VC No 26/22:

Candidate must have minimum 15 years of post-qualification experience in the field of surface and underground geological mapping, Geological borehole logging, geotechnical investigation and in-situ geotechnical testing including analysis of data and preparation of Geo-Technical/ Geological & interpretative reports for tunnels, bridges & other structures.

For Geologist, VC No 27/22:

Candidate must have minimum 5 years of post-qualification experience in supervision of drilling work, execution of geological traversing, surface and underground geological mapping, borehole logging, geotechnical investigation and in-situ geotechnical testing including analysis of data and preparation of factual reports for tunnels and bridges.

*Candidate belonging to General/ EWS category (and candidates belonging to SC/ST/OBC (NCL)/PWD applying against unreserved posts) should have first class degree/ minimum 60% marks in Minimum Qualification for consideration against unreserved posts as applicable.

Reserved category candidates (SC/ST/OBC (NCL)/PWD as applicable) should have at least 50% marks in Minimum Qualification for consideration against reserved posts as applicable.

Experience shall be calculated as on 01.08.2022.

Note for Educational Qualification:

The candidate should possess Degree recognized by AICTE/UGC (as applicable); from a University incorporated by an Act of Central or State legislature in India or other Educational Institutions established by an Act of Parliament or declared to be Deemed as University under Section 3 of the University Grants Commission Act, 1956. Sections A & B examination of the Institution of Engineers (India) which is treated as equivalent to Degree by Govt. of India and recognized by AICTE, shall also be accepted.

Selection Process

The applications received shall be screened for eligibility. The candidates may be shortlisted for selection. The company reserves the right to shortlist the number of candidates for Interview out of eligible candidates. Due to prevalent pandemic situation, based on the requirement and discretion of RITES, selection process may be conducted online.

For the post of Geologist, VC No 27/22:

Based upon the performance in the Written Test, and fulfilling the conditions of eligibility; candidates shall be shortlisted for Interview.

The weightage distribution of various parameters of the selection shall be as under:

Experience	-	5%
Written Test	-	60%
Interview	-	35%

(Technical & Professional proficiency - 25 %; Personality Communication & Competency – 10%)

Total	-	100%
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A minimum of 50% marks (45% for SC/ST/OBC (NCL)/PWD against reserved posts) in written test, as applicable, and a minimum of 60% marks (50% for SC/ST/OBC (NCL)/ PWD against reserved posts), as applicable, in interview will be required to enable the candidate to be considered for placement on panel. There will be no minimum qualifying marks required in the aggregate.

For the post of Senior Geologist, VC No 26/22:

The weightage distribution of various parameters of the selection shall be as under:

Experience	-	10%
Interview	-	90%

(Technical & Professional proficiency - 60 %; Personality Communication & Competency – 30%)

Total	-	100%
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Merit list of only those candidates would be prepared who secure a minimum of 60% marks (50% for SC/ST/OBC (NCL)/ PWD against reserved posts) in the Interview process. There will be no qualifying marks required in the aggregate.

Appointment of selected candidates will be subject to their being found medically fit in the Medical Examination to be conducted as per RITES Rules and Standards of Medical Fitness for the relevant post.

Candidates have the option to appear for interview either in Hindi or English.

Relaxations & Concessions

Reservation/ relaxation/ concessions to EWS/ SC/ST/OBC (NCL)/PWD/ Ex-SM/ J&K Domicile would be provided against reserved posts (where applicable) as per extant Govt. orders.

Relaxation in upper age limit to OBC (NCL)/ SC/ ST candidates shall be provided against reserved posts as per extant Govt. orders.

PWD candidates suffering from not less than 40% of the relevant disability shall only be eligible for the benefit of PWD. Such PWD candidates shall be eligible for relaxation of 10 years in upper age limit.

PWD candidates will have to meet the Physical Requirements and Functional Classifications which have been identified for the post as under:

S. No.	Vacancy for which identified	Categories for which identified	Functional Classification	Physical Requirements
1	Geologist/Senior Geologist	Locomotor disability	OA, OL	S, ST, BN, W, SE, MF, C, R, W &RW
		Hearing Impairment	HI	

Functional Classification:

Code	Functions
OH	Orthopaedically Handicapped
VH	Visually Handicapped
HH	Hard of Hearing
OL	One leg
OA	One arm
BA	Both Arms
BH	Both Hands
MW	Muscular Weakness
OAL	One arm one leg
BLA	Both Legs and Arms
BLOA	Both Legs one Arm
LV	Low Vision
B	Blind
PD	Partially Deaf
FD	Fully Deaf
BL	Both legs
D	Dwarfism
CP	Cerebral Palsy
LC	Leprosy Cured
AAV	Acid Attack Victims
MD	Multiple Disabilities

Physical Requirements:

Code	Physical Requirements
S	Sitting
ST	Standing
W	Walking
SE	Seeing
H	Hearing/ Speaking
RW	Reading and Writing
C	Communication
MF	Manipulation by fingers
PP	Pulling & Pushing
L	Lifting
KC	Kneeling & Crouching
BN	Bending
M	Movement
JU	Jumping
CL	Climbing

The above lists are subject to revision.

Nature & Period of Engagement

The appointment shall be purely on contract basis initially for a period of one year, extendable until completion of the assignment subject to mutual consent and satisfactory performance.

Selected candidates shall be liable for posting anywhere in India as per Company requirements.

Remuneration

Pay, allowances and perks for the post would be as under:

Post	Basic pay	Allowances	Other perks
Senior Geologist	Rs. 34275/- (1 to 3 % annual increment based on the performance)	70% in Non-metro cities 75% in Metro Cities other than Mumbai/Bangalore 80% for Mumbai/ Bangalore.	Medical & Accidental Insurance for self and Employer's contribution towards PF @ 12% would be borne by the company.
Geologist	Rs. 25504/- (1 to 3 % annual increment based on the performance)	70% in Non-metro cities 75% in Metro Cities other than Mumbai/Bangalore 80% for Mumbai/ Bangalore.	Medical & Accidental Insurance for self and Employer's contribution towards PF @ 12% would be borne by the company.

The Consolidated monthly Gross Emoluments including PF contribution of Employer for posting in Gurgaon comes out to be ₹ 64,095/- for Senior Geologist and Rs 47,693/- for Geologist which results in CTC of 7.69 LPA and 5.72 LPA respectively.

Remuneration mentioned above is only indicative. Actual remuneration shall depend upon place of posting and other terms & conditions of appointment.

Fees

The candidates will have to deposit the under mentioned amount of fees during online application:

Category	Fee
General/OBC Candidates	Rs. 600/- plus Taxes as applicable
EWS/ SC/ST/ PWD Candidates	Rs. 300/- plus Taxes as applicable

For any difficulty/ queries regarding fee payment, candidates may contact on following only:

Helpdesk No: 011 – 33557000 Extension Code - 13221

Helpdesk e-mail id: pghelpdesk@hdfcbank.com

Note:

- a) Candidates should note that the fee submitted through any other mode except the mode specified, will not be accepted by RITES and such applications will be treated as without fee and will be summarily rejected.
- b) Persons with disabilities are given concession in the fee provided they are otherwise eligible for appointment. A PWDs candidate claiming age relaxation/fee concession will be required to submit alongwith their Detailed Application Form, certified copy of the PWD certificate as per latest GOI format.

How to Apply

1. **Before applying candidates should ensure that they satisfy the necessary conditions and requirements of the position.**
2. Interested candidates fulfilling the above laid down eligibility criteria are required to apply online in the registration format available in the Career Section of RITES website, <http://www.rites.com>.
3. While submitting the online application; the system would generate 'Registration No.' on top of online form filled up by the candidate. Note down this "Registration No." and quote it for all further communication with RITES Ltd.
4. While filling up the required details, candidates are advised to carefully and correctly fill the details of "Identity Proof". Candidates are also advised to note the same and ensure the availability of the same Identity Proof as it will be required to be produced in original at later stages of selection (if called).
5. **After filling up the required details under the "Fill/ Modify Application Form", click on "Make payment". The payment details show the amount to be paid to the bank based on your category. Applications without successful fee payment shall be treated as incomplete and shall be summarily rejected.**
6. The candidates are also advised to keep a copy of Application Form submitted with them and to carry the same at the time of the selection (if called).
7. A copy of this online **APPLICATION FORM** containing the registration number is to be printed, signed, and furnished along with **SELF-ATTESTED SCANNED COPIES** of the following documents in the given order only from top to bottom (if called):
 - a. 2 recent passport size colour photographs
 - b. High School certificate for proof of Date of Birth

- c. Certificates of Academic & Professional qualifications and statements of marks of all the qualifications for all semesters/years (Xth, XIIth, Diploma/ Graduation/ Post-Graduation as applicable)
- d. EWS/ SC/ST/OBC Certificate in the prescribed format by Govt. of India (if applicable)
- e. Proof of Identity & Address (Passport, Voter ID, Driving Licence, Aadhaar Card etc)
- f. PAN Card
- g. Proof of different periods of experience as claimed in the Application Form (if applicable)
- h. Any other document in support of your candidature
- i. PWD Certificate as per latest format (if applicable).

All the above documents are to be uploaded through RITES Portal only; within the date specified for the purpose.

The scan copy of the documents should be of good quality and clearly visible.

- 8. Please attach copies of experience certificates from your previous employer in respect of claims made by you in your application. In respect of current employment, experience certificate/ joining letter along with last months' salary slips, or, Form 16 and other documents which clearly prove your continuity in the job are to be attached. In case your claim is not established from the proofs submitted by you; your application is liable to be rejected. Please check your claims and certificates submitted by you carefully. Incomplete application or, insufficient proof would entail rejection of your application. No claims would be entertained at a later stage.
- 9. For proof of CTC/ salary, candidates shall have to submit a copy of their last Form No. 16/ Earning Card/ salary slip/ Appraisal letter/ any other suitable document.
- 10. Community certificate (SC/ST/OBC) should be in the format prescribed by Government of India only. OBC candidates included in the Central List with certificate not more than 12 months old (with clear mention of candidate not belonging to "Creamy Layer") in the GOI prescribed format only will be considered for the posts reserved for OBC. EWS certificate should also be as per Gov. of India format.
- 11. Hard copies of documents are not to be sent to this office through post/ courier. Documents are to be uploaded on RITES portal only.
- 12. The original testimonials/documents along with one self-attested copy will have to be produced by the candidate(s) at the time of selection (if called).
- 13. Candidates who have registered online but whose application along with aforesaid documents are not submitted by the due date through RITES portal, their candidature may not be considered. The company reserves the right to consider only such applications which are received along with documents by the prescribed date. RITES Ltd. does not bear any responsibility for any delay for any reason whatsoever.**
- 14. Mere applying for the post/ submission of documents/ appearing or qualifying in the selection does not confer any right on the candidates for claiming selection. If it is found that a candidate does not fulfill the advertised eligibility criteria, his/her candidature will be summarily rejected.
- 15. Candidates should submit only one application for one vacancy and application once submitted cannot be altered. A valid e-mail ID is essential for submission of the online application. RITES will not be responsible for bouncing of any e-mail sent to the candidates. However, candidates can apply for any number of vacancies.
- 16. The candidates must submit all the details pertaining to his candidature viz. personal details, educational qualification details, experience details, category etc. Suppression, in this regard, if any, detected on a future date shall render the candidature liable for forfeiture.
- 17. If any claim made by a candidate is found to be incorrect, his/her candidature shall be summarily rejected.

Syllabus for VC No. 27/22

Petrology: Igneous Rocks - Modes of occurrence, Textures and structures, Consolidation of Magmas, Origin, Classification; Sedimentary Rocks - Modes of formation, Textures and structures, Classification; Metamorphic Rocks - Agents, Processes, Depth zones, Zones of Progressive Metamorphism, Facies, Textures, Structures.

Physical Geology: Geological work of natural agencies - weathering of rocks and engineering considerations; Geological work of wind; Geological work of Running Water; The Concept of Isostasy; Geomorphic Processes and associated Landforms: Fluvial, Glacial, Aeolian, Coastal and Karstic landforms.

Structural Geology: Concept of dip and strike, folds, fractures, faults, Shear zones, unconformity, bedding/foliation and lineation. Geologic/geomorphic criteria for recognition of faults. Lithological, Geomorphological and Structural maps. Preparation of Geological plan & section. Concept of rock deformation. Stress and Strain in rocks.

Physiographic Features: Mountains and Mountain Building; Volcanoes.

Engineering Geology: Geology of Dam Sites and Reservoirs; Geology of Bridge Sites; Geology of Tunnel Sites; Geological considerations and problems in Road and Railway Construction; Stability of Hill Slopes and Cuttings; Improvement of Sites: Rock Grouting, Back filling; Study of Geological Maps; Geological logging, In-situ & lab test of rock & soil including analysis of data; Preparation of geotechnical report of bridges & tunnels.

Geological Investigation: Objects of geological investigation; Method of investigations; Surface and Subsurface methods; Geophysical methods: Electrical methods & Seismic methods.

Stratigraphy:

Stratigraphic principles and correlation; Evolution of Geological Time Scale.

Remote Sensing and GIS:

Fundamental concepts of remote sensing; Visual interpretation of satellite imageries; Preparation of thematic map using Remote Sensing & GIS techniques.

Ground Water Hydrology

Occurrence of Groundwater: Origin and Age of Groundwater, Rock Properties Affecting Groundwater, Zone of Aeration, Zone of Saturation, Geologic Formations as Aquifers, Types of Aquifers.

General Instructions

1. Management reserves the right to cancel/ restrict/ enlarge/ modify/ alter the selection/ recruitment process at any stage, without issuing any further notice or assigning any reason thereafter.
2. The number of vacancies may vary.
3. Serving Govt./PSU officials, if selected will be allowed to join only after they are properly relieved from their parent organization
4. The period of training/internship shall not be counted towards post qualification experience.
5. In case it is detected at any stage of recruitment that a candidate does not fulfill the eligibility norms and/or that he/she has furnished any incorrect/false information or has suppressed any material fact (s), his/her candidature s liable for cancellation. If any of these shortcomings is/are detected even after appointment, his/her services are liable to be terminated.
6. Legal jurisdiction will be Delhi in case of any dispute
7. No train/bus fare / TA / DA shall be payable.
8. In case a candidate is found suitable for a lower post than for which he/she has applied, he/she shall only be considered for the post for which he/she has been found suitable by the selection committee.

Communication with RITES

Any information regarding this recruitment process would be made available on the e-mail address provided by the candidate at the time of registration and/or shall be uploaded on RITES website. Candidates are advised to periodically check the Career section of RITES website for further updates.

Candidates are encouraged to go through the detailed advertisement and read the "Frequently Asked Questions (FAQs)" uploaded on RITES website under Career section to solve their queries.

Queries if remaining should be sent to rectt@rites.com only and contain the following particulars:

- i. VC No.
- ii. REGISTRATION/ROLL NO.
- iii. NAME OF CANDIDATE IN FULL AND IN BLOCK LETTERS.
- iv. Valid email address as given in the application

Communications not containing above particulars shall NOT BE ATTENDED TO.

Any query/ issue should be brought to notice of RITES well in advance of the due date. RITES will not be responsible for non-submission of application due to issues brought to notice at the last moment.

Queries related to information already provided in the advertisement shall not be attended to.

Important Dates

S. No.	Particular	Date
1	Commencement of submission of online application and online payment of fees	29.08.2022
2	Last date of submission of online application along with online payment of fees	19.09.2022
3	Last date of submission of soft copy of documents through RITES portal	19.09.2022
3	Date of selection	To be notified later