

No.A.4/Pers-Rectt/GP-B/Engg/BSF/2021/ 2319-20
Government of India
Ministry of Home Affairs
Directorate General Border Security Force
(Pers Dte - Rectt Section)

Block No.10, CGO Complex,
Lodhi Road, New Delhi-110 003.

Dated, the 22 April' 2022.

To,

The Common Service Centre (CSC)
Delhi

Subject: **ONLINE DIRECT RECRUITMENT TO GROUP-'B' POSTS IN BSF
ENGINEERING SET UP 2020-21 : FORWARDING OF ONLINE DETAILED
ADVERTISEMENT FOR UPLOADING IN BSF WEB SITE**

It is to inform that, short advertisement for direct recruitment to Group-'B' posts in BSF Engineering set up 2020-21 has been forwarded to DAVP vide our L/No.A.4/Pers-Rectt/Group-'B'/SI(W&E)/BSF/2020-21/1368-86 dated 01.04.2022 for publishing in the employment News/ Rozgar Samachar on 23.04.2022 and leading Newspapers of the states and UTs.

2. Accordingly, online detailed advertisement for direct recruitment to Group-'B' posts in engineering set up is forwarded herewith for uploading in BSF recruitment portal for live on 25.04.2022 at 00.01 AM for submission of online applications for the above posts and will be closed on 08.06.2022 at 23.59 PM, please.

Encl : As above


(K S RANA)
COMMANDANT(Rectt)

Copy to :

ICT Dte (IT Wing)

: For info and n/a please.

Government of India
Ministry of Home Affairs
Directorate General Border Security Force
(Personnel Directorate: Recruitment Section)

/// ONLINE DETAILED ADVERTISEMENT ///

1. Online applications are invited from eligible and interested Male and Female Indian citizens for filling up the under mentioned vacancies in Group-'B' Combatised (Non Gazetted-Non Ministerial) posts in the Border Security Force, Engineering Set up through **Online Mode only** for vacancy year 2020-21 :-

Name of posts	Category wise Vacancies					Total	10 % for Ex- S/Man	Pay Scale
	UR	EWS	OBC	SC	ST			
Inspector (Architect)	01 ✓	-	-	-	-	01 ✓	-	Pay matrix level-7 (Rs.44,900-1,42,400) as per 7 th CPC
Sub Inspector (Works)	24 ✓	05 ✓	16 ✓	08 ✓	04 ✓	57 ✓	05	Pay matrix level-6 (Rs.35,400-1,12,400) as per 7 th CPC.
Junior Engineer /Sub Inspector (Electrical)	16 ✓	04 ✓	04 ✓	05 ✓	03 ✓	32 ✓	03	

NOTE

- (i) Vacancies are subject to change (may increase or decrease) due to administrative reasons. BSF reserves the right to make changes or cancel or postpone the recruitment without assigning any reason.
- (ii) Any amendment/Notice will only be published on BSF Website. Candidates in their own interest are requested to log on to <https://rectt.bsf.gov.in> regularly for updates.
- (iii) The posts are combatised and purely temporary in nature but are likely to be made permanent.
- (iv) If suitable Ex-serviceman against the reserved vacancy are not available then these vacancies will be filled by non-Ex- serviceman of respective category.

2. NATIONALITY/CITIZENSHIP :-

Candidate must be a citizen of India.

3. DISQUALIFICATION :-

No person,

- (a) who has entered into or contracted a marriage with a person having a spouse living; or
- (b) who having a spouse living, has entered into or contracted a marriage with other person, shall be eligible for appointment under these rules:

Provided that the Central Government may, if satisfied that such marriage is permissible under the personal law applicable to such person and the other party to the marriage and that there are other grounds for so doing, exempt any person from the operation of this rule.

(Handwritten signature)

4. **ELIGIBILITY CONDITIONS:-**

(A) AGE LIMIT

S.No.	Name of Post	Age
1.	Inspector (Architect)	Below 30 years of age as on the closing date of receipt of online application..
2.	Sub Inspector (Works)	Not exceeding 30 years as on the closing date of receipt of online application.
3.	Junior Engineer /Sub Inspector (Electrical)	

Note- Crucial date for determine the age limit in each case shall be closing date on receipt of online application.

• **RELAXATIONS OF UPPER AGE LIMIT ARE AS UNDER:-**

Age relaxation to different category of eligible candidates for the posts of Inspector (Architect), SI (Works) and JE/SI (Electrical) will only be given according to vacancy exists in respective category.

S/No.	Category	Age Relaxation permissible beyond the upper age limit
1.	SC/ST	05 years
2.	OBC	03 years
3.	Ex-Servicemen (Unreserved)	03 years after deduction of the military service rendered from the actual age as on the closing date.
4.	Ex-Servicemen (OBC)	06 (3 years + 3 years) years after deduction of the military service rendered from the actual age as on the closing date.
5.	Ex-Servicemen (SC/ST)	08 (3 years + 5 years) years after deduction of the military service rendered from the actual age as on the closing date.
6.	Government servants (Unreserved) who have rendered not less than 3 years regular and continuous service as on closing date.	05 years
7.	Government servants (OBC) who have rendered not less than 3 years regular and continuous service as on closing date.	08 (5 +3) years
8.	Government servants (SC/ST) who have rendered not less than 3 years regular and continuous service as on closing date.	10 (5+5) years
9.	Children and dependent family of those killed in the communal riots of the year 1984 and Gujarat riots of the year 2002 (Unreserved)	05 years
10.	Children and dependent family of those killed in the communal riots of the year 1984 and Gujarat riots of the year 2002 (OBC)	08 years (5 + 3) years
11.	Children and dependent family of those killed in the Communal riots of the years 1984 and Gujarat riots of the year 2002 (SC/ST)	10 years (5 + 5) years

NOTE

- (i) Age of candidates will be determined on the basis of Date of Birth as recorded in their matriculation certificates available on the closing date of submission of application and no subsequent request for its change will be considered or granted.
- (i) Prescribed format of certificate for reserved categories are attached as per **Annexure – 'B'** for SC/ST, **Annexure – 'B-1'** for EWS and **Annexure – 'C' & C1** for OBC category.
- (ii) Relaxation of respective category will only be given in those cases where vacancies are available in the respective category for the applied post. If vacancies are not available in respective reserved category, candidates applied will be treated as **'Un-Reserved'** candidate, if he/she fulfill the eligibility conditions applicable to Un-reserved candidate. In that case, if found later that candidate does not fulfill the criteria of General category; candidature will be rejected at any stage of the examination.
- (iii) A person seeking appointment on the basis of reservation to OBC/EWS must ensure that he/she possesses the caste/community certificate and does not fall in creamy layer on the crucial date. The crucial date for this purpose will be the closing date for receipt of applications.
- (iv) Every candidate seeking reservation as OBC is required to submit a certificate in prescribed format (**Annexure-'C'**) regarding his/her OBC status and non-creamy layer status issued by the Competent Authority. Candidates claiming OBC status may ensure that he/she possess caste/community certificate and does not fall in creamy layer on the crucial date i.e. closing date for receipt of application. (In order to ensure it, a declaration in addition to the certificate issued by the Competent Authority will also be obtained from the candidates seeking reservation as OBC in the format attached as **Annexure-'C-'1'**).

(B) EDUCATIONAL QUALIFICATION

S. No.	Name of Post	Educational Qualification
1.	Inspector (Architect)	(i) Degree in architecture from a recognized University or Institution. (ii) Registered with Council of Architecture under Architects Act, 1972.
2.	Sub Inspector (Works)	Pass Three years Diploma in Civil Engineering from an Institute recognized by the Central or State Government.
3.	Junior Engineer /Sub Inspector (Electrical)	Pass Three years Diploma in Electrical Engineering from an Institute recognized by the Central or State Governments.

Note :-Diploma in requisite stream for the post of SI (Works) and JE/SI (Electrical) is an essential qualification apart from any other qualification.

(C) PHYSICAL STANDARDS TEST (PST)

- (i) For the post of Inspector (Architect)

Measurement	Male	Female
Height	165 Cms.	157 Cms.
Chest	(Un-expanded)-81 Cms (with 5 Cms Minimum expansion)	Not applicable.
Weight	50 Kgs	According to height but not less than 46 Kgs.

(ii) For the post of Sub Inspector (Works) and Junior Engineer /Sub Inspector (Electrical)

Measurement	Male	Female
Height	165 Cms. (Relaxable by 5 Cms for hill Tribes and Adivasis including Mizos and Nagas)	157 Cms.
Chest	76 Cms. (Un-expanded) 81 Cms. (Expanded) (Relaxable by 2 Cms for candidate below 20 years of age)	Not applicable.
Weight	Proportionate to height and age as per Medical Standards.	According to height but not less than 46 Kgs.

NOTE -1 :-

Relaxation in height to the eligible candidates will be permissible only on production of certificate issued by District Authorities where they ordinarily reside(s). Prescribed formats with showing relaxation where applicable is enclosed herewith as per **Annexure – 'D'**,

(D) MEDICAL STANDARDS

(i) For the post of Inspector (Architect), Sub Inspector (Works) & Junior Engineer/Sub Inspector (Electrical)

The Candidates should have following medical standards:-

(i) Eye Sight :-

Visual Acuity unaided (Near Vision)		Uncorrected Visual acuity (Distant Vision)		Refraction	Remarks
Better eye	Worse eye	Better eye	Worse eye		
N6	N9	6/6	6/9	Visual correction of any kind is not permitted even by the glasses	In right handed person, the right eye is better eye and vice versa. Binocular vision is required

(ii) The candidates must not have knock knees, flat foot, varicose vein or squint in eyes, must possess CP III by ISIHARA vision and must be in good mental and bodily health and free from any physical defect likely to interfere with efficient performance of the duties. .

(iii) The Medical Examination will be conducted as per revised uniform guidelines of Medical Examination for recruitment GOs and NGOs in the CAPFs & AR as circulated by MHA vide their Office memorandum No.A-VI-1/2014-Rectt(SSB) dated 20th May 2015, Revised uniform guidelines for Review Medical Examination in CAPFs & AR for GO's & NGO's circulated by MHA (Police-II Division) vide their office Memorandum No.E.32012/ADG(Med)/DME&RME/DA-1/2020/1166 dated 31 May'2021 and subsequent amendment thereof.

(iv) TATTOO :-

- **Content:** - Being a secular country, the religious sentiments of our countrymen are to be respected and thus, tattoos depicting religious symbol or figures and the name, as followed in Indian Army are permitted.
- **Location:** - Tattoos marked on traditional sites of the body like inner aspect of forearm but only left forearm, being non saluting limb or dorsum of the hands are to be allowed.
- **Size:** - Size must be less than $\frac{1}{4}$ of the particular part (Elbow or hand) of the body.

	Subjects	Nos of Questions	Marks	Duration
Part-A	General English	10 Questions	10 Marks	02 Hrs
Part-B	General awareness	10 Questions	10 Marks	
Part-C	Reasoning	10 Questions	10 Marks	
Part-D	Numerical Aptitude	10 Questions	10 Marks	
Part-E	Technical subject	60 Questions	60 Marks	
Total		100 Questions carrying	100 Marks	

Syllabus of Technical subject will be following Topics:-

<u>Architecture & Design</u>	<p>Principles of Art and Architecture, visual composition in 2D & 3D, organization of space, computer Graphics, Architectural Graphics, Programming language and automation, Planning and design consideration for different building types, Anthropometrics, site planning, Barrier-free design, circulation-horizontal and vertical, space standard, National Buildings Code and Buildings Codes.</p> <p>Elements, Architectural styles, constructions and examples of different periods of Indian & western History of Architecture, Vernacular, Oriental and Traditional architecture, Architecture developments since Industrial Revolution; Art nouveau, Eclecticism, International styles, influence of Revolution; Art nouveau, Eclecticism, Internal styles, Influence of modern art on architecture, Post Modernism, Recent trends in Contemporary Architecture, Deconstruction in Architecture, works of Renowned national & international architects.</p>
Building Materials Construction & Management	<p>Behavioral applications and characteristics of various building material viz. Mud, bamboo, timber, brick, concrete, glass, steel, FRP, different polymers, AAC and composites.</p> <p>Building systems and prefabrication of building elements, Building construction techniques, methods and details, Principle of Modular Coordination, Estimation, valuation, specification, professional practice, Project management techniques, Construction planning and equipment e.g. CPM, PERT etc.</p>
Building & Structures	Elastic and Limit State design, Principles of the strength of materials, Design of structural elements in steel, wood and RCC, Structural systems in RCC and Steel, Principles and design of disaster resistant structures, Form and Structure, Principles of Pre-stressing, gravity & lateral load resisting systems, High Rise & Long Span structures.
Environmental Planning & Design	Ecological principles, Concepts of Environmental Impact Analysis, Ecosystem-natural and man-made ecosystem, Environmental considerations in planning and design, Principles of architectural acoustics; Green Building- Concepts & Rating, ECBC, Principles of lighting and illumination, Climate responsive design, Thermal comfort, ventilation & air movement Solar architecture, Environmental pollution-types, causes, controls and abatement strategies, Building Performance Simulation and Evaluation, Ecosystem-natural and man-made ecosystem, Concepts of Environmental Impact Analysis, Ecological principles, Environmental considerations in planning & design, Principles of lighting and illumination, Thermal comfort, ventilation and air movement, Climate responsive design, Principles of architectural acoustics, Solar architecture, Building Performance Simulation and Evaluation, Green Building-Concepts and Rating, Environment pollution-causes, types, controls & abatement strategies.
Urban Design	Public Perception, Concepts and theories of urban design, Townscape, Urban design interventions for sustainable development and transportation, Public Realm, Historical and modern examples of urban design, Elements of urban built

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	environment- urban form, structure, spaces, pattern, texture, fabric, grain etc, Site planning; Landscape design; Development controls – FAR, densities and building byelaws, Public spaces, spatial qualities, character and Sense of Place, Principles, tools & techniques of urban design, Urban renewal & conversation.
Urban Planning & Housing	Housing, principles, concepts and examples of the neighborhood, Affordable Housing, Housing for special areas and needs, Housing typologies, Slums, Residential densities, National Housing Policies, Standards for housing and community facilities, Programs & Schemes. Types of plans- City Development Plan, Master Plan, Structure Plan, Action Area Plan, Zonal Plan, Town Planning Scheme, Planning process, Regional Plan, Salient concepts, principles of urban planning and theories, Emerging concepts of cities-Smart City, Eco-City, SEZ, Transit Oriented Development (TOD), SRZ etc. Sustainable urban development.
Planning Techniques & Management	Decision support system and Land Information System., Graphic presentation of spatial data, Tools and techniques of Surveys-Topographical, Physical, Land use and Socioeconomic Surveys, Methods of non-spatial & spatial data analysis, Application of G.I.S & Remote Sensing techniques in urban and regional planning. Social, environmental cost-benefit analysis and Economical, Urban Economics, Law of demand and supply of land and its use in planning, Management of Infrastructure Projects, Techniques of financial appraisal, Development guidelines such as URDPFI, Planning Legislation and implementation- Local self-governance, Land Acquisition Act, PPP etc.
Services, Infrastructure & Transportation	Urban Infrastructure - Water Supply, Transportation, Sewerage, Solid Waste Management, Drainage, Electricity & Communications. Building Services : Sewerage and drainage systems, Water supply, Sanitary fitting and fixtures, Principles of internal and external drainage system, Plumbing systems, Principles of electrification of buildings, Elevators and Escalators–standards and uses, Intelligent Buildings, Air-Conditioning systems, Building Safety & Security systems and Firefighting Systems. Water treatment, Principles of water supply and sanitation systems, Water supply and distribution system, Sewage disposal methods, Water harvesting systems, Planning, Principles and Design of storm water drainage system, Recycling and Reuse of solid waste, Methods of solid waste management- transportation, collection and disposal, Power Supply and Communications Systems, design, network and guidelines. Road capacity, Process and Principles of Transportation Planning and Traffic Engineering, Traffic survey methods, Traffic analyses and design considerations, Traffic flow characteristics, Travel demand forecasting, Land-transportation, urban form inter-relationships, intersections, Design of roads, grade separators and parking areas, Traffic & transport management and control in urban areas, Mass transportation planning, Intelligent Transportation Systems, Hierarchy of roads and level of service, Pedestrian and slow-moving traffic planning and Para-transit and other modes of transportation.

a) **QUALIFYING MARKS OF WRITTEN EXAM**

- i) For General/EWS/OBC category candidates – 50 %
(01 Vacancy is only in UR Category)



Note :-

- a) Number of candidates to be qualified in written examination will be restricted maximum ten times of number of vacancies or all qualified candidates whichever is less, for appearing in 2nd phase examination. There will be no re-evaluation of answer sheet.
- b) Candidates are not permitted to use Mobile Phone, Calculator or any other electronic/electrical device for answering any paper (Test Booklets). Candidates will not bring Mobile Phone, Calculator or any other electronic/electrical device inside the Examination premises. Possession of these items, whether in use or not, will be considered as "use of unfair means" in the Examination and appropriate action will be taken by the department against such candidates, as per extant policy of the department.
- c) The written examination will be conducted on OMR based answer sheet. If the candidate did not properly shade/wrongly shaded /did not fill/wrongly filled his/her mandatory data ovals i.e. Roll number, question booklet series code and category in the OMR Answer sheet, it will be rejected at the initial stage and the OMR answer sheet will not be further evaluated for which candidate himself will be responsible for such rejection.

ii) SECOND PHASE EXAMINATION

Successful candidates in 1st phase Examination i.e Written Examination will appear before the selection board for Second Phase Examination i.e. Documentation, Physical Standards Test, Physical Efficiency Test) on due date at the Centre which will be communicated to them through E-Mail address/SMS for call letters through online. They will be put through subsequent stages of test. Candidates have to qualify all the stages of the Second phase examination one by one. Any candidate not qualifying in any of the events of examination will be eliminated from the process of recruitment.

(a) DOCUMENTATION

Original testimonials/certificates of the candidate will be checked to confirm the eligibility of the candidates at the Centre on the date and time fixed by the department which will be communicated to the candidates through E-Mail address/SMS for call letters/admit cards through online. If candidate does not produce original documents like age, educational/technical qualification and other required documents as per their category etc, he/she will be disqualified.

(b) PHYSICAL STANDARDS TEST (PST)

Candidates qualified in the Documentation will be put through the Physical Standards Test (PST). PST will be carried out by the selection board to assess the Height, Chest and Weight of the candidates according to the Physical Standards post wise mentioned at **Para- 4 (C) (i)** above.

NOTE :-

- (i) Candidates declared disqualified in Physical Standard Test i.e Height and Chest may prefer an appeal immediately at the venue of the PST itself, if they so desire, to the Appellate Authority . The appellate authority will re-measure the Physical Standards of such candidate and the decision of appellate authority in this regard will be final and no further appeal or representation in this regard shall be entertained. Weight will not be criteria for rejection at the time of PST, but that will be checked during Medical Examination.
- (ii) Candidate will be put through subsequent stages. Candidates have to qualify all the stages of the examination one by one. Any candidate not qualifying in any of the events of examination will be eliminated from the process of recruitment.

(c) **PHYSICAL EFFICIENCY TEST (PET)**

Those candidates found fit in Physical Standards Test (PST) will be put through Physical Efficiency Test (PET), which will be qualifying in nature. PET norms are as under :-

S/No	Male/ Female	One Mile Run	Standing Broad Jump	Clear the Ditch	Jump and reach
1.	Male	8 Minutes	4 Feet 6 Inch	6 Feet	7 Feet (Excluding 1 Feet reach)
2.	Female	12 Minutes	03 Feet	4 Feet	6 Feet (Excluding 1 Feet reach)

NOTE -I " A woman candidate, who as a result of tests is found to be pregnant of 12 weeks standing or over, shall be declared temporarily unfit and her appointment held in abeyance until the confinement is over. The vacancy against which a women candidate was selected should be kept reserved for her. She should be reexamined for Physical Efficiency Test (PET) six weeks after the date of confinement, subject to the production of the medical certificate of fitness from a registered medical practitioner. If she is found fit she may be appointed to the post kept reserved for and allow the benefit of seniority in accordance with the instructions of the government, as amended from time to time".

7. **SELECTION PROCEDURE**

POST OF SI (WORKS) & JE/SI (ELECTRICAL) :- The selection procedure for the posts of SI (Works) and JE/SI (Electrical) will be as under:-

(i) **FIRST PHASE :- WRITTEN EXAMINATION**

1st phase of examination i.e Written Exam will be conducted at the selection Examination Centres. There will be one composite paper for one hour Thirty Minutes duration. Question papers will be Objective Type with multiple choices on OMR based answer sheet, Question paper will be printed bilingual i.e in Hindi and English both and shall be consisting of the following subjects:-

	Subjects	Nos of Questions	Marks	Duration
Part-A	General intelligence & Reasoning	25 Questions	25 Marks	01 Hrs 30 Minutes
Part-B	General awareness	25 Questions	25 Marks	
Part-C	General Engineering (Civil/Electrical))	50 Questions	50 Marks	
Total		100 Questions carrying	100 Marks	

a) **SI (Works) and JE/SI (Electrical) :Standard and syllabus for Paper-I:-**

The written examination of paper-I shall be conducted from the following subject:-

(aa) General Intelligence & Reasoning : The syllabus for General Intelligence would include questions of both verbal and non-verbal type. The test may include questions on analogies, similarities, differences, space visualization, problem solving, analysis, judgments, decision making, visual memory, discrimination, observation, relationship concepts, arithmetical reasoning, verbal and figure classification, arithmetical number series etc. The test will also include questions designed to test the candidates abilities to deal with abstract ideas and symbols and their relationships, arithmetical computations and other analytical functions.

(ab) General Awareness: Questions will be aimed at testing the candidates general awareness of the environment around him/her and its application to society. Questions will also be designed to test knowledge of current events and of such matters of everyday observation and experience in their scientific aspect as may be expected of any educated person. The test will also include questions relating to India and its neighboring countries especially pertaining to History, Culture, Geography, Economic Scene, General Polity and Scientific Research, etc. These questions will be such that they do not require a special study of any discipline.

(ac) General Engineering (Civil) Post of SI (Works) : Building Materials, Estimating, Costing and valuation, Surveying, Soil Mec engineering, Transportation Engineering, Environmental engineering.

(ad) General Engineering (Electrical) Post of JE/SI (Electrical) :Basic concepts, Circuit law, Magnetic Circuit, AC Fundamentals, Measurement and Measuring instruments, electrical machines, Fractional Kilowatt Motors and single phase induction motors, Synchronous Machines, Generation, Transmission and Distribution, estimator and Costing, Utilization and Electrical energy, Basic Electronics.

Note : During the written examination of paper-I (OMR based answer sheet), candidates have to fill and shade (in OMR answer sheet) their Name, Roll number, Date of Birth, question booklet series code i.e. A, B, C & D because these information are essential for evaluation of the answer sheet and publishing of result of qualified candidates. Circle as printed against each should be shaded correctly, otherwise candidate may be declared fail for which candidate himself will be responsible for such mistakes.

b) (Post of SI (Works) & JE/SI (Electrical) :-2nd Paper (Conventional Type) Time – 02 Hours

SI (Works)

aa) General Engineering (Civil) – 10 Questions – 100 Marks
(12 Questions will be given out of which 10 questions will be attempted)

JE/SI (Electrical)

ab) General Engineering (Electrical) – 10 Questions – 100 Marks
(12 Questions will be given out of which 10 questions will be attempted)

Standard and syllabus for Paper-II :

The written examination of paper-II shall be conducted from the following subject:-

a) SUB INSPECTOR (WORKS)

Building Materials : Physical and Chemical properties, classification, standard tests, uses and manufacture/quarrying of materials e.g. building stones, silicate based materials, cement (Portland), asbestos products, timber and wood based products, laminates, bituminous materials, paints, varnishes.

Estimating, Costing and Valuation : Estimate, glossary of technical terms, analysis of rates, methods and unit of measurement, Items of work- earthwork, Brick work (modular & Traditional bricks), RCC work, Shuttering, Timber work, Painting, Flooring, Plastering. Boundary wall, Brick building, Water tank, Septic tank, Bar bending schedule, Centre line method, Mid-section formula, Trapezoidal formula, Simpsons rule. Cost estimate of Septic tank, flexible pavements, Tube well, isolates and combined footings, steel Truss, Piles and pile-caps. Valuation – value and cost, scrap value, salvage value, assessed value, sinking fund, depreciation and obsolescence, methods of valuation.

Surveying : Principles of surveying, measurement of distance, chain surveying, working of prismatic compass, compass traversing, bearing, local attraction, plane table surveying, theodolite traversing, adjustment of theodolite, Levelling Definition of terms used in levelling, contouring, curvature and refraction

corrections, temporary and permanent adjustments of dumpy level, methods of contouring, uses of contour map, tachometric survey, curve setting, earth work calculation, advanced surveying equipment.

Soil Mechanics: Origin of soil, phase diagram, Definitions-void ratio, porosity, degree of saturation, water content, specific gravity of soil grains, unit weights, density index and interrelationship of different parameters, Grain size distribution curves and their uses, Index properties of soils, Atterberg's limits, ISI soil classification and plasticity chart. Permeability of soil, coefficient of permeability, determination of coefficient of permeability, Unconfined and confined aquifers, effective stress, quick sand, consolidation of soils, Principles of consolidation, Degree of consolidation, Pre-consolidation pressure, normally consolidated soil, e-Log p curve, computation of ultimate settlement. Shear strength of soils, Direct shear test, Vane shear test, Triaxial test. Soil compaction, Laboratory compaction test, Maximum dry density and optimum moisture content, earth pressure theories, active and passive earth pressures, Bearing capacity of soils, plate load test, standard penetration test.

Hydraulics : Fluid properties, Hydrostatics, measurements of flow, Bernoulli's theorem and its application flow through pipes, flow in open channels, weirs, flumes, spillways, pumps and turbines.

Irrigation Engineering : Definition, necessity, benefits, 211 effects of irrigation, types and methods of irrigation, Hydrology – Measurement of rainfall, run off coefficient, rain gauge, losses from precipitation – evaporation infiltration, etc. Water requirement of crops, duty delta and base period, Kharif and Rabi Crops, Command area, Time factor, crop ratio, overlap allowance, Irrigation efficiencies, Different type of canals, types of canal irrigation, loss of water in canals. Canal lining – types and advantages. Shallow and deep to wells, yield from a well. Weir and barrage, Failure of weirs and permeable foundation, Slit and scour, Kennedy's theory of critical velocity. Lacey's theory of uniform flow. Definition of flood, causes and effects, methods of flood control, water logging, preventive measure. Land reclamation, Characteristics of affecting fertility of soils, purposes, methods, description of land and reclamation processes. Major irrigation projects in India.

Transportation Engineering : Highway engineering – cross sectional elements, Geometric design, Types of pavements, pavements materials – aggregates and bitumen, different tests, Design of flexible and rigid pavements – Water Bound Macadam (WBM) and wet Mix Macadam (WMM), Gravel Road, Bituminous construction, Rigid pavement joint, pavement maintenance, Highway drainage, Railway Engineering – Components of permanent way – Sleepers, ballast, fixtures and fastening track geometry, points and crossings, track junction, stations and yards. Traffic Engineering – Different traffic survey, Speed-flow-density and their interrelationships, intersections and interchanges, traffic signals, traffic operation, traffic signs and marking, road safety.

Environmental Engineering : Quality of water, source of water supply, purification of water, distribution of water, need of sanitation, sewerage systems, circular sewer, oval sewer, sewer appurtenances, sewage treatments. Surface water drainage. Solid waste management – types, effects, engineered management system. Air pollution – Pollutants, causes, effects, control. Noise pollution – cause, health effects, control.

b) JUNIOR ENGINEER/SUB INSPECTOR (ELECTRICAL)

Standard and syllabus for Paper-II :

The written examination of paper-II shall be conducted from the following subject:-

Basic Concepts : Concepts of resistance, inductance, capacitance and various factors affecting them. Concepts of current, Voltage, Power, energy and their units.

Circuit Law : Kirchhoff's law, Simple Circuit solution using network theorems.

Magnetic Circuit : Concepts of flux, mmf, reluctance, Different kinds of magnetic materials, Magnetic calculations for conductors of different configuration e.g. straight, circular, solenoidal, etc. Electromagnetic induction, self and mutual induction.

AC Fundamentals : Instantaneous, peak, R.M.S. and average values of alternating waves, Representation of sinusoidal wave form, simple series and parallel AC Circuits consisting of R.L. and C, Resonance, Tank Circuit. Poly Phase system –star and delta connection, 3 Phase power, DC and sinusoidal response of R-Land R-C circuit.

Measurement and measuring instruments : Measurement of power (1 phase and 3 phase, both active and re-active) and energy, 2 wattmeter method of 3 phase power measurement. Measurement of frequency and phase angle. Ammeter and voltmeter (both moving coil and moving iron type), extension of range wattmeter, Multi meters, Megger, Energy meter AC Bridges. Use of CRO, Signal Generator, CT, PT and their uses. Earth Fault detection.

Electrical Machines : (a) D.C. Machine – Construction, Basic Principles of D.C. motors and generators, their characteristic, speed control and starting of D.C. Motors. Method of braking motor, Losses and efficiency of D.C. Machines. (b) 1 phase and 3 phase transformers – Construction, Principles of operation, equivalent circuit, voltage regulation, O.C. and S.C. Tests, Losses and efficiency. Effect of voltage, frequency and wave form on losses. Parallel operation of 1 phase / 3 phase transformers. Auto transformers. (c) 3 phase induction motors, rotating magnetic field, principle of operation, equivalent circuit, torque-speed characteristics, starting and speed control of 3 phase induction motors. Methods of braking, effect of voltage and frequency variation on torque speed characteristics, starting and speed control of 3 phase induction motors. Methods of braking, effect of voltage and frequency variation on torque speed characteristics.

Fractional Kilowatt Motors and Single phase Induction Motors : Characteristics and applications.

Synchronous Machines : Generation of 3 phases e.m.f. armature reaction, voltage regulation, parallel operation of two alternators, synchronizing, control of active and reactive power. Starting and applications of synchronous motors.

Generation, Transmission and Distribution : Different types of power stations, Load factor, diversity factor, demand factor, cost of generation, inter-connection of power stations. Power factor improvement, various types of tariffs, types of faults, short circuit current for symmetrical faults. Switchgears – rating of circuit breakers, Principles of arc extinction by oil and air, H.R.C. Fuses, Protection against earth leakage / over current, etc. Buchholz relay, Merz – Price system of protection of generators & transformers, protection of feeders and bus bars. Lightning arresters, various transmission and distribution system, comparison of conductor materials, efficiency of different system. Cable- Different type of cables, cable rating and derating factor.

Estimation and costing : Estimation of lighting scheme, electric installation of machines and relevant IE rules. Earthing practices and IE rules.

Utilization of electrical Energy : Illumination, Electric heating, Electric welding, Electroplating, Electric drives and motors.

Basic Electronics : Working of various electronic devices e.g. P N Junction diodes, Transistors (NPN and PNP type), BJT and JFET. Simple circuits using these devices.

c) **QUALIFYING MARKS OF WRITTEN EXAM**

- | | | |
|-----|---|-------|
| i) | For General/EWS/OBC category candidates | - 50% |
| ii) | For SC/ST category candidates | - 45% |

Note :-Number of candidates to be qualified in written examination will be restricted maximum ten times of number of vacancies or all qualified candidates whichever is less, for appearing in 2nd phase examination. There will be no re-evaluation of answer sheet.

- (i) Candidates are not permitted to use Mobile Phone, Calculator or any other electronic/electrical device for answering any paper (Test Booklets). Candidates will not bring Mobile Phone, Calculator or any other electronic/electrical device inside the Examination premises. Possession of these items, whether in use or not, will be considered as "use of unfair means" in the Examination and appropriate action will be taken by the department against such candidates, as per extant policy of the department.

(ii) **SECOND PHASE EXAMINATION**

Successful candidates in 1st phase Examination i.e Written Examination will appear before the selection board for Second Phase Examination (i.e Documentation, Physical Standards Test, Physical Efficiency Test) on due date at the Centre which will be communicated to them through E-Mail address/SMS for call letters through online. They will be put through subsequent stages of test. Candidates have to qualify all the stages of the Second phase examination one by one. Any candidate not qualifying in any of the events of examination will be eliminated from the process of recruitment.

a) **DOCUMENTATION**

Original testimonials/certificates of the candidate will be checked to confirm the eligibility of the candidates at the Centre on the date and time fixed by the department, which will be communicated to the candidates through E-Mail address/SMS for call letters/admit cards through online. If candidate does not produce original documents like age, educational/technical qualification, caste certificate and other required documents as per their category etc, he/she will be disqualified.

b) **PHYSICAL STANDARDS TEST (PST)**

Candidates qualified in the Documentation will be put through the Physical Standards Test (PST). PST will be carried out by the selection board to assess the Height, Chest and Weight of the candidates according to the Physical Standards post wise mentioned at **Para- 4 (C) (ii)** above.

NOTE :-

(i) Candidates declared disqualified in Physical Standard Test i.e Height and Chest may prefer an appeal immediately at the venue of the PST itself, if they so desire, to the Appellate Authority . The appellate authority will re-measure the Physical Standards of such candidate and the decision of appellate authority in this regard will be final and no further appeal or representation in this regard shall be entertained. Weight will not be criteria for rejection at the time of PST, but that will be checked during Medical Examination.

(ii) Candidate will be put through subsequent stages. Candidates have to qualify all the stages of the examination one by one. Any candidate not qualifying in any of the events of examination will be eliminated from the process of recruitment.

c) **PHYSICAL EFFICIENCY TEST (PET)**

Those candidates found fit in Physical Standards Test (PST) will be put through Physical Efficiency Test (PET), which will be qualifying in nature. PET norms are as under :-

(i) **FOR THE POST OF SUB INSPECTOR (WORKS) & JUNIOR ENGINEER/SUB INSPECTOR (ELECTRICAL)**

S/No	Events	Male	Female
1.	Run	1.6 Km in 7 minutes	800 Mtrs in 5 minutes
2.	Long Jump	11 Feet (03 chances to be given)	08 Feet (03 chances to be given)
3.	High Jump	3 ½ Feet (03 chances to be given)	2 ½ Feet (03 chances to be given)

NOTE -I : Ex-Servicemen are not required to undergo PET.

NOTE -II " A woman candidate, who as a result of tests is found to be pregnant of 12 weeks standing or over, shall be declared temporarily unfit and her appointment held in abeyance until the confinement is over. The vacancy against which a women candidate was selected should be kept reserved for her. She should be reexamined for Physical Efficiency Test (PET) six weeks after the date of confinement, subject to the production of the medical certificate of fitness from a registered medical practitioner. If she is found fit she may be appointed to the post kept reserved for and allow the benefit of seniority in accordance with the instructions of the government, as amended from time to time".

iii) **THIRD PHASE EXAMINATION (PRACTICAL/TRADE TEST)**

Successful Candidates in second phase examination i.e Documentation, PST & PET will appear before the selection board for 3rd phase of Examination i.e Practical Test & Medical Examination and Review Medical Examination on due date at the Centre, which will be communicated to them through E-Mail address/SMS for call letter through online. Practical Test is qualifying in nature.

8. **MEDICAL EXAMINATION (Post of Inspector (Architect), SI (Works) and JE/SI (Elect))**

Candidates who will qualify in all the above stages of examination i.e. Written Examination, Documentation, PST, PET for the post of Inspector (Architect) and Written Examination, Documentation, PST, PET and Practical test Practical test for the post of SI (Works) and JE/SI (Electrical) will undergo detailed Medical Examination, which will be conducted by a Medical board to assess their fitness. If, a candidate is declared Medically Unfit during detailed medical examination, he/she will be allowed to undergo Review Medical Examination (RME), provided they give their written consent by appending their signature on the intimation indicating reasons for being unfit, as per **Annexure-'E'**. Review Medical Examination (RME) of candidates will be conducted in continuation of Detailed Medical Examination preferably on the next day of DME. The consent for Re-Medical Examination as per **Annexure-'E'** duly signed by the candidate should be submitted within 24 hrs after he/she is informed of his/her unfitness in DME. Review Medical Examination (RME) is conducted to rule out the possibility of an **Error of Judgement** in the decision of initial Medical Board/DME board. Decision of Review Medical board will be final. No appeal/representation against the decision of Review Medical board will be entertained.

9. **DRAWAL OF FINAL MERIT LIST**

(a) After completion of Medical examination, post wise and category wise merit list will be drawn separately on the basis of marks secured/obtained by the candidates in the written examination. In cases of tie in marks, tie cases will be resolved in the following manner:-

- (i) Marks in written examination.
 - (ii) Date of Birth, with older candidates placed higher.
 - (iii) Alphabetical order in the first names of the candidates appear.
- (b) The list of finally selected candidates will be published on BSF website (rectt.bsf.gov.in)
- (c) No waiting list shall be maintained/kept.

10. **HOW TO APPLY**

The application by the candidates must be submitted through **ONLINE mode** only. No other mode for submission of application will be accepted. **The facility for submission of online application will be opened on BSF website <https://rectt.bsf.gov.in> w.e.f 25/04/2022 at 00:01 AM and will be closed on 08/06/2022 at 23:59 PM.** Procedure for submission of online application is attached with this advertisement as per **Annexure - 'A'**.

11. APPLICATION FEES AND MODE OF PAYMENT

Candidates to pay Rs.200/- (Rupees Two hundred only) as examination fee through following payment modes :-

- (i) Net banking of any bank.
- (ii) Credit/Debit Card of any bank.
- (iii) Nearest authorised Common Service Centre

NOTE :-

- (i) **Female candidates of all categories and candidates belonging to Scheduled Caste, Scheduled Tribes, BSF serving personnel and Ex-Servicemen are exempted from payment of examination fee.**
- (ii) Payment of examination will be accepted only through Online mode.
- (iii) Fee once paid will not be refunded under any circumstances.
- (iv) In case of non-receipt of examination fee from the candidates of non-exempted categories, their form will not be accepted.

12. RECRUITMENT CENTRES

The candidates can opt one of the following nearest centre for appearing in different selection stages of recruitment process :-

(i) POST OF INSPECTOR (ARCHITECT)

The Examination Centre for appearing in different selection stages of recruitment process is as under :-

S/ No.	Name of Centre	Address of Location/Address	Responsibility
(i)	Delhi	95 BN BSF, Bhondsi Campus, Near Sohna Road, Distt : Gurgaon (Haryana), Pin - 122102	IG (HQ) FHQ BSF New Delhi

(ii) POST OF SUB INSPECTOR (WORKS) & JUNIOR ENGINEER/SUB INSPECTOR (ELECTRICAL)

The candidates can opt one of the following nearest Examination centre for appearing in different selection stages of recruitment process :-

S/ No.	Name of Centre	Address of Location/Address	Responsibility
(i)	Guwahati	Frontier Headquarter, BSF Guwahati, Post Office -Azara, Distt- Kamrup, Guwahati, Assam-781017	Ftr HQ BSF Guwahati
(ii)	Kadamtala	Frontier Headquarter BSF North Bengal, P.O- Kadamtala (Siliguri) Distt-Darjelling (West Bengal)- 734011	Frontier HQ BSF North Bengal
(iii)	Hazaribagh	TC&S BSF Hazaribagh, Meru Camp, Hazaribagh, Jharkhand-825317	TC&S Hazaribagh
(iv)	Delhi	95 BN BSF, Bhondsi Campus, Near Sohna Road, Distt : Gurgaon (Haryana), Pin - 122102	IG (HQ) FHQ BSF New Delhi
(v)	Jodhpur	Frontier Headquarter, BSF Rajasthan, Post Office-BSF Campus Mandore Road, Distt- Jodhpur, Rajasthan- 342026	Ftr HQ BSF Rajasthan
(vi)	Jalandhar	Frontier Headquarter, BSF Punjab, Post Office- BSF Campus, Jalandhar Cantt, Punjab-144006	Ftr HQ BSF Punjab
(vii)	Bengaluru	Frontier Headquarter (SPL OPS) BSF at Bengaluru, Post Office- AF Station Yelahanka, Bengaluru, Karnataka- 560063	Ftr HQ (Spl OPS) at Bengaluru.

NOTE :-

- (i) Centre for conduct of exam may change at any stage of examination, if required, due to administrative reasons.
- (ii) The candidates applying for the examination should ensure that they fulfil all the eligibility conditions for admission to the Selection Test. Their admission at all the stages of examination will be purely provisional, subject to their satisfying the prescribed eligibility conditions. If, on verification, at any time before or after the Selection Test, it is found that they do not fulfil any of the eligibility conditions, their candidature for the examination will be cancelled by the Department.

13. IMPORTANT INSTRUCTIONS TO CANDIDATES

1.	Before applying online application, Candidates are advised to go through the requirement of educational /technical qualification, age, physical standards, physical efficiency test etc and satisfy themselves that they are eligible for the post before applying. BSF reserves the right to cancel the candidature of any candidate at any stage of the selection process, if he/she is found not qualifying any of the prescribed eligibility criteria. This detailed advertisement is available on the BSF website http://rectt.bsf.gov.in .
2.	Candidates seeking reservation benefits for Govt. Servant/EWS/OBC/SC/ST/Ex-Serviceman must ensure that they are entitled to such reservation as per eligibility prescribed in the notice according to vacancy of the posts. They should also be in possession of the certificates in the format prescribed by Government of India in support of their claim at the time of application.
3.	Central Government Servants claiming age relaxation should be in possession of a certificate in the prescribed format from their office, in respect of the length of continuous service which should be not less than three years in the immediate period preceding the closing date for receipt of application.
4.	Qualifying the selection stages of recruitment process doesn't confer any right to candidates for appointment. Final selection of candidate will be made purely on merit.
5.	When application is successfully submitted, it will be accepted provisionally. Candidate may take printout of the application form for their own records. Printout of the application form is not required to be submitted to BSF recruitment centres. Candidates are also advised to fill their correct and active e-mail addresses and mobile number in the online application as correspondence may be made through E-mail/SMS.
6.	Candidate should note down and retain 'Registration-ID' and 'Password' provided to them while making 'One-Time Registration' which is required for filling online application.
7.	Only online application is to be submitted by a candidate. Therefore, the candidates are advised to exercise due diligence at the time of filling their application form. Also ensure that all the particulars of application form must be filled up as given in the matriculation certificate otherwise their candidature may be cancelled at the time of documentation or as and when it comes into the notice of the board.
8.	Candidates will fill up personal basic information through online in the application form with correct entry like name of the post, candidate's name, father's name, address, category, DOB, marital status, mobile number, E-mail address, educational/technical qualification etc and thoroughly check all the entries.
9.	Candidates to refrain themselves from filling wrong information in their application form, uploading fake photograph of any other person/celebrity/dignitaries or object or puts blank photo etc., suitable action will be taken against such defaulter candidates as per provisions under Cyber Crime IT Act 2000.
10.	Applications with illegible/blurred photographs/Signature will be rejected summarily.
11.	Candidate serving in Government/Semi Government/Public Sector undertakings should apply after obtaining NOC. No objection certificate (NOC) from their employer will be required with application form.
12.	Candidate are required to upload their all essential Educational/technical certificates as per post criteria mentioned in online detailed advertisement at Para No.4 (B) and other documents/certificate as per their category to support their claims. They should ensure they fulfil all the eligibility conditions for admission to the posts. If during scrutiny of the online application, it is found that candidate does not fulfil any of the eligibility conditions, his/her application will be rejected by the Recruitment Selection Board.

13.	All eligible candidates who apply in response to this advertisement before the closing date will be assigned Roll Numbers, if they fulfil the term and condition as given in this advertisement and found eligible for the post. Only such eligible candidates will be communicated through E-mail address/SMS for Call letters/Admit Cards through online mode for appearing in the first phase selection process. However, any candidate found not eligible at later stage in any aspect his/her candidature will be cancelled. The admit cards for all the phases of examination will be made/uploaded on the website only. Therefore candidates are advised to visit the BSF website for upcoming latest information of the all the phases of Examination.
14.	The recruitment board shall not be liable for any claim arising out of any injury etc. suffered during the tests. The decision of the recruitment board shall be final in all matters connected with this recruitment.
15.	The appointment will be subject to the conditions that the candidates are medically as well as physically fit. The selected candidates will have to undergo Basic Training at any of the Training Institutions of BSF. The services of those candidates who fail to complete the training successfully are liable to be terminated.
16.	Candidates belonging to the Physically Handicapped category are NOT ELIGIBLE to apply for this examination.
17.	Intimation regarding issue of Admit cards/call letters and any other important information pertaining to recruitment will be sent on the e-mail address or mobile number of candidates given by the candidates at the time of One Time Registration (OTR). BSF will not be responsible for any technical issue arisen due to inactive e-mail address or invalid mobile numbers. Hence, candidates are advised to ensure that active e-mail ID & mobile number must be used for OTR.
18.	Mobile, Calculator and other Electronic Gadgets are banned within the premises of the Examination Centre.
19.	The posts carries all India service liability. The selected candidates are liable to be posted anywhere in the Country as per the transfer policy of the Force.
20.	The recruitment will be done on All India Basis.
21.	Selected candidate will be governed by BSF Act and Rules.
22.	On appointment they shall be entitled for pension benefits as per the "New Restructured Defined Contributory Pension Scheme" applicable for the new entrants to the Central Government services w.e.f. 1st January, 2004.
23.	A candidate shall have the choice to appear for the recruitment at only one centre i.e the centre in which he/she opts while filling online applications. The centre he/she opts will be his/her recruitment centre. No request for change of Recruitment centre will be allowed/accepted under any circumstances. The Department reserves the right to cancel the centre and ask the candidates of that centre to appear from another centre. Department also reserve the right to divert candidates of any centre to some other centre to take the examination on administrative grounds.
24.	The candidates will have to make their own arrangements for stay during the course of appearing in recruitment process.
25.	No TA/DA will be paid to any candidate for appearing in the recruitment process.
26.	In case, candidates are appointed in BSF and subsequently seek resignation or discharge before completion of 10 years service, they shall be required to remit an amount equal to three months pay and allowances or the cost of training imparted to them, whichever is higher as per rules to the Government.
27.	Beware of touts. No money is charged for recruitment in BSF. If you have paid or promised to pay money to any one, you are cheated and you are losing money. If anyone demands money or promises recruitment, you should immediately inform the same to the Presiding Officer (PO) of the concerned recruitment centre.
28.	Appealing in any form or bringing outside influence will automatically disqualify the candidate from appearing in recruitment.
29.	The decision of the department in all matters relating to eligibility, acceptance or rejection of the application, mode of selection, medical examination etc. will be final and binding on the candidates. No enquiry/correspondence will be entertained in this regard.
30.	The department holds the right to make any changes in the advertisement or cancel it without assigning any reason.
31.	Candidates are advised to visit BSF website rectt.bsf.gov.in from time to time to know latest updates of recruitment process.
32.	An Employee serving in the same rank and pay grade will not be entitled to apply for said posts.
33.	Candidate must carry Admit Card with one photo bearing valid ID proof, which is required at the

	Examination venue for entering in selection test, failing which they will not be allowed to appear for the same. Besides above, candidates may carry two recent passport size colour photographs with him for necessary action as required.
34.	Final scrutiny of eligibility criteria with regards to age, educational/technical qualification and physical standard will be undertaken at the time of final selection/medical examination. Therefore, candidature will be accepted only provisionally till the final selection. At the time of final selection when scrutiny is undertaken and if any claim made in application is not found substantiated then the candidature will be cancelled and the decision of BSF in this regard shall be final.

14. ACTION AGAINST CANDIDATES FOUND GUILTY FOR MISCONDUCT

Candidates are warned that they should not furnish any particulars that are false or suppress any material information while filling the online application form. If there is any inaccuracy or any discrepancy is found in OMR answer sheet, their OMR answer sheets will be held invalid and will not be further evaluated.

Involvement of candidates in any of the following activities will render their candidature debarred from appearing in recruitment :-

- (i) Possession of Mobile phone, accessories or any other electronic gadget whether in use or in switch off mode.
- (ii) Impersonate/procuring impersonation by any person.
- (iii) Submitting fabricated documents or documents which have been tampered with.
- (iv) Making statements which are incorrect or false or suppressing material information.
- (v) Resorting to any other irregular/improper/unfair means for qualifying the examination.
- (vi) Misbehaving in any other manner in the examination hall with the invigilator or any of exam functionaries.
- (vii) Besides above, candidature of candidates can be cancelled at any stage of the recruitment for any other ground which the BSF considers to be sufficient cause for cancellation of candidature.

15. COURTS JURISDICTION

Any dispute in regard to this recruitment will be subject to Courts/Tribunals having jurisdiction over the City/Town in which the concerned centre/office of BSF is situated and candidate has opted in his/her application.


 (K S Rana)
 Commandant (Rectt.)
 22 APR 2021

PROCEDURE/INSTRUCTIONS FOR REGISTRATION AND SUBMISSION OF ONLINE APPLICATION FORMS

- (a) Candidates must apply online by visiting BSF website <http://rectt.bsf.gov.in>. No other mode for submission of application will be accepted. Online submission of application form comprises of following steps :-
- (i) **One Time Registration (OTR). (STEP-I)**
 - (ii) **Filling of online application. (STEP-II)**
 - (iii) **Payment of examination fee through prescribed digital modes. (STEP-III)**
- (b) In STEP-I, candidates should first complete '**ONE TIME REGISTRATION**' (OTR) process by filling basic information relating to them i.e Name, Mobile Number and E-mail ID. Candidates to ensure that, only active/functional mobile number and E-mail ID must be used for **One Time Registration** purpose.
- (c) On submission of information, candidates will receive their **Registration ID and password** on their given mobile number as well as E-mail address. **Candidates are advised to keep memorize the Registration ID and password as the same will be essential to obtain access to your profile throughout the entire recruitment process.**
- (d) After completing the registration part, candidates can view the active advertisements under '**ONLINE APPLICATION**' link by logging in using their credentials.
- (e) In STEP-II, candidates can apply for Recruitment to the posts as mentioned in the detailed advertisement at para-1 by clicking on '**APPLY HERE**' link available next to relevant advertisement.
- (f) Candidate are advised to read the instructions mentioned in recruitment notification carefully before proceeding to online submission of online application form.
- (g) After reading the instructions, candidates should carefully fill the relevant fields of online application form and upload all essential documents (as mentioned in para No.4 (B) of detailed advertisement and other documents as per their category, photograph, signature and Thumb impression. Mandatory fields are marked with * (asterisk) sign. Only the application of candidate who fulfilling eligibility conditions will be accepted by system.
- (h) Candidates will have to fill basic personal information. After filling up all relevant information, candidate can see complete preview of their application form. If candidate desires to make any correction, then press "back". **No correction in the application can be made after clicking "submit" button. Hence, candidates are advised to press "submit" button only after confirmation of correctness of filled information by him/her.**
- (i) The digital size of photographs- 30 to 100 kb, signature- 20 to 50 kb, qualification documents 30 to 100 kb and thumb impression should not be more than 50 KB. Photographs and signature must be clearly visible and latest photographs must be uploaded. Format should be jpg.jpeg.png formats.

- (j) Candidates should thoroughly check all the entries filled in the online application form, before final submission. In case of any discrepancy, relevant entry may be corrected/edited. After final submission of online application, no change in any particular shall be allowed.
- (k) In STEP-III, the candidates are required to make fee payment (Candidates who are exempted from fee payment are not required to pay fee). Fee can be paid through Net banking, Debit Card, Credit Card and nearest Common Service Centre. Candidate's application will not be considered if fee is not paid for that application.
- (l) Candidates are required to follow below mentioned procedure to pay the fees :-
- After login, Application history is visible at the bottom side of page.
 - Candidates will be able to see applications submitted by him to the advertisement with fees payment status. Applications for which fees payment status is unpaid. Pay now link will be available there.
 - Three options will be available after clicking on pay now link.
a) Net banking b) Debit card c) Credit card.
- (m) After shown successful completion of fee payment, application will be completed. Candidates may take printout of this application for their own record. **Printout of application are not required to be sent to BSF.**
- (n) Online application submission will be completed after payment of examination fee.

Note : All eligible candidates who apply in response to this advertisement before the closing date will be assigned Roll Numbers, if they fulfill the term and condition as given in this advertisement and found eligible for the post. Only such eligible candidates will be communicated through E-mail address/SMS for Call letters/Admit Cards through online mode for appearing in the various selection process i.e Written Examination, Documentation, PST,PET and Practical Test & Medical Examination according to posts wise Exam/tests. However, any candidate found not eligible at later stage in any aspect, his/her candidature will be cancelled. The admit cards related information for all the phases of examination will be made/uploaded on the website only. Therefore candidates are advised to visit the BSF website for upcoming latest information of the all the phases of Examination.

FORM OF CASTE CERTIFICATE FOR SC/ST

This is to certify that Shri*/Shrimati/Kumari _____ Son/Daughter of _____ Village/Town _____ /District/Division* _____ of the _____ State/Union Territory belongs to the _____ Caste*/Tribe which is recognized as a Schedule Caste/Tribe under:-

- * The Constitution Schedule Caste Order, 1950.
- * The Constitution Schedule Tribe Order, 1950.
- * The Constitution (Schedule Caste) (Union Territories) (Part C States) Order, 1951;
- * The Constitution (Schedule Tribes) (Union Territories) (Part C States) Order, 1951; [As amended by the Schedule Castes and Scheduled Tribes List (Modification Order, 1956, the Bombay Reorganization Act, 1960, the Punjab Reorganization Act, 1966, the State of Himachal Pradesh Act, 1970, the North Eastern Areas (Reorganization) Act, 1971 and the Schedule Castes and Scheduled Tribes Order (Amendment) Act, 1976.]
- * The Constitution (Jammu and Kashmir)* Scheduled Caste Orders, 1956.
- * The Constitution (Andaman and Nicobar Islands)* Scheduled Tribes Order, 1959, as amended by the Scheduled Castes and Scheduled Tribes Orders (Amendment) Act, 1976.
- * The Constitution (Dadra and Nagar Haveli)* Scheduled Castes Order, 1962.
- * The Constitution (Dadra and Nagar Haveli)* Scheduled Tribes Order, 1962.
- * The Constitution (Pondicherry) Scheduled Castes Order, 1964.
- * The Constitution (Uttar Pradesh) Scheduled Tribes Order, 1967.
- * The Constitution (Goa, Daman and Diu) Scheduled Castes Order, 1968.
- * The Constitution (Goa, Daman and Diu) Scheduled Tribes Order, 1968.
- * The Constitution (Nagaland) Scheduled Tribes Order, 1970.
- * The Constitution (Sikkim) Scheduled Caste Order, 1978.
- * The Constitution (Sikkim) Scheduled Tribes Order, 1978.
- * The Constitution (Jammu and Kashmir) Scheduled Tribes Order, 1989.
- * The Constitution (SC) Orders (Amendment) Act, 1990.
- * The Constitution (ST) Orders (Amendment) Ordinance Act, 1991.
- * The Constitution (ST) Orders (Amendment) Ordinance Act, 1996.
- * The Constitution (Scheduled Castes) Orders (Amendment) Act, 2002.
- * The Constitution (Scheduled Castes) Orders (Second Amendment) Act, 2002.
- * The Scheduled Castes and Scheduled Tribes Orders (Amendment) Act, 2002.

2. Applicable in the case of Scheduled Castes/Scheduled Tribes persons who have migrated from one State/Union Territory Administration.

This certificate is issued on the basis of the Scheduled Castes/Scheduled Tribes Certificate issued to Shri /Shrimati* _____ father/mother* _____ of _____ Village/Town* _____ in _____ District/Division* _____ of the State/Union Territory* _____ who belongs to the _____ Caste*/Tribe which is recognized as a Scheduled Caste/Scheduled Tribe in the State/Union Territory* issued by the _____ dated _____.

3. Shri/Shrimati/Kumari* _____ and/or* _____ his/her* family ordinarily reside(s) in _____ Village/Town* _____ District/Division* of the State/Union Territory* of _____.

Place _____
Date _____

Signature _____
Designation _____
(with seal of Office)

State/Union Territory _____

* Please delete the words, which are not applicable.

@ Please quote specific Presidential Order.

% Delete the Paragraph, which is not applicable.

Note : (a) The term 'ordinarily reside'(s) used here will have the same meaning as in Section 20 of the Representation of the People Act, 1950.

The following Officers are authorized to issue caste certificate:-

1. District Magistrate/Additional District Magistrate/Collector/Deputy Commissioner/Additional Deputy Commissioner /Deputy Collector/1* Class Stipendiary Magistrate/Sub Divisional Magistrate/Taluka Magistrate/ Executive Magistrate/ Extra Assistant Commissioner.
2. Chief Presidency Magistrate /Additional Chief Presidency Magistrate/ Presidency Magistrate.
3. Revenue Officer not below the rank of Tehsildar.
4. Sub-Divisional Officer of the area where the candidate and / or his family normally resides.
5. Certificate issued by Gazetted Officers of the Central or of a State Government countersigned by the District Magistrate concerned.
6. Administrators /Secretary to Administrator (Laccadive, Minicoy and Amindivi Island)

h

Government of _____
(Name & Address of the authority issuing the certificate)

**INCOME & ASSET CERTIFICATE TO BE PRODUCED BY
ECONOMICALLY WEAKER SECTIONS (EWS)**

Certificate No. _____

Dated _____

VALID FOR THE YEAR _____

This is to certify that Shri/Smt/ Kumari _____ Son/daughter/wife of _____ permanent residence of _____ village/street _____ Post office _____ District _____ in the State/Union Territory _____ Pin Code _____ Whose photograph is attested below belongs to Economically Weaker Section, since the gross annual income* of his/her family** is below Rs.8 Lakh (Rupees Eight Lakh only) for the financial year _____. His/her family does not own or possess any of the following assets ***

- I. 5 acres of agriculture land and above;
- II. Residential flat of 1000 sq. ft. and above ;
- III. Residential plot of 100 sq. yards and above in notified municipalities;
- IV. Residential plot of 200 sq. yards and above in areas other than the notified municipalities.

2. Shri/Smt./Kumari _____ belongs to the _____ caste which is not recognized as Scheduled caste, Scheduled Tribe and other Backward classes (Central List).

Signature with seal of office _____

Recent passport size
attested photograph of
the applicant

Name _____

Designation _____

*Note 1 : Income covered all sources i.e salary, agriculture, business, profession etc.

**Note 2 : The term 'Family' for this purpose include the person, who seeks benefit of reservation, his/her parents and sibling below the age of 18 years as also his/her spouse and children below the age of 18 years.

***Note 3 : The property held by a "Family" in different locations or different places/cities have been clubbed while applying the land or property holding test to determine EWS status.

**FORM OF CERTIFICATE TO BE PRODUCED BY OTHER BACKWARD CLASSES
APPLYING FOR APPOINTMENT TO POSTS UNDER THE GOVERNMENT OF INDIA**

This is to certify that Shri/Smt./Kumari _____ Son/Daughter of _____ of village /Town _____ in District/Division _____ in the State/Union Territory _____ belongs to the _____ Community which is recognized as a backward class under the Government of India, Ministry of Social Justice and Empowerment's Resolution No. _____ dated _____*.

2. Shri/Smt./Kumari _____ and/or his/her family ordinarily reside(s) in the _____ District/Division of the _____ State/Union Territory. This is also to certify that he/she does not belong to the persons/sections (Creamy Layer) mentioned in Column 3 of the Schedule to the Government of India, Department of Personnel & Training O.M. No. 36012/22/93- Estt.(SCT) dated 8.9.1993 ** (**as amended from time to time).

District Magistrate
Deputy Commissioner etc.

Dated: _____

Seal

*The authority issuing the certificate may have to mention the details of Resolution of Government of India, in which the caste of the candidate is mentioned as OBC for central Government services.)

** - As amended from time to time.

Note :- The term "ordinarily" used here will have the same meaning as in Section 20 of the Representation of the People Act, 1950.



**DECLARATION BY OBC CANDIDATE REGARDING
NON-CREAMY LAYER STATUS**

I, _____ Son/Daughter of
Shri _____ resident of
village/town/city _____ District/Division _____ State _____

hereby declare that I belong to _____ community which is recognized as a backward class by the Government of India for the purpose of reservation in services as per orders contained in DOP&T OM No. 36012/22/93-Estt.(SCT) dated 08.09.93 which is modified vide O.M No. 36033/3/2013 Estt(Res) dated 13.09.2017. It is also declared that I do not belong to persons/sections (**Creamy Layer**) mentioned in column 3 of the Schedule to the Government of India.

**Signature of the applicant
(OBC Candidate)**

indianextexam

✓

FORM OF CERTIFICATE TO BE SUBMITTED BY THE CANDIDATES WHO INTEND TO AVAIL RELAXATION IN HEIGHT MEASUREMENT

Certified that Shri _____ S/o Shri _____ is a permanent resident of Village _____ Post _____ Tehsil/Taluka _____ District _____ of _____ State.

2. It is further certified that:-

He/she belongs to _____ Hill Tribes & Adivasis including Mizos and Nagas, which is considered for relaxation in height measurement for recruitment in the CAPF of the Union of India.

* Residents of entire area mentioned above are considered as **Hill tribes/Adhivasis including Mizo & Nagas** for relaxation in height measurement for recruitment in the CAPF of the Union of India.

* Delete whichever is not applicable.

District Magistrate/
Sub Divisional Magistrate/Tehsildar etc.
(With seal of office)

Dated : _____

Place : _____

Note : Relaxation is only applicable to the candidates, who will apply for the post of SI (Works) and JE/SI (Electrical).

✓

FOR OFFICIAL USE ONLY

Recruitment for the post of Inspector (Architect)/ Sub Inspector (Works) & Junior Engineer /Sub Inspector (Electrical) in BSF Engineering Setup By Direct Recruitment Exam-2020-2021

MEMORANDUM UNFIT

Subject : Review Medical Examination of candidates found to be UNFIT in DME for the post of Inspector (Architect)/ Sub Inspector (Works) & Junior Engineer/Sub Inspector (Electrical) in BSF Engineering Setup By Direct Recruitment Exam-2020-2021.

Mr./Ms. Roll No..... is hereby informed that he/she has been medically examined for recruitment to the post of Inspector (Architect)/ Sub Inspector (Works) & Junior Engineer/Sub Inspector (Electrical) in BSF on _____ at _____ and found UNFIT due to the reasons mentioned below :-

- (i)
- (ii)
- (iii)
- (iv)

2. You are hereby informed that you can apply for Review Medical Examination (RME) by signing on the consent form below. RME will be conducted on for which you are required to report at..... hours.

Signature of Medical Officers

Date
Centre

Name
Stamp

Counter-signature of the Presiding Officer with Seal.

Result of Medical Examination received

Name & Signature of the Candidate

FOR USE OF CANDIDATE ONLY

To

The Presiding Officer of Recruitment Board

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.....

Subject – **APPLICATION FOR REVIEW MEDICAL EXAMINATION**

Sir,

I hereby convey my consent for undergoing Review Medical Examination.

Place.....
Date.....

Signature.....
Name.....
Roll No.....

.....
Signature of the Presiding Officer with Seals