

Society for Promotion of Vocational & Technical Education [SOVTECH], A & N Islands
DBRAIT Campus, Port Blair

VACANCY NOTICE

Advertisement No. SOV/1-14/SeMT(Contract)/2014/259 Dated 25th Nov, 2021

SOVTECH invites applications from eligible candidates for filling up of the following posts purely on contract basis.

Sl. No	Name Of Post	No. of Post(s)	Consolidated remuneration per month (in Rs)
1	State Project Manager, Common Service Centre	1	62,600/-
2	Project Manager, State Data Centre	1	62,600/-
3	Database & Storage Administrator (State Data Centre)	1	42,200/-
4	Network Engineer	1	37,400/-
5	Technical Analyst	1	37,400/-
6	Electrical Specialist (State Data Centre)	1	31,500/-
7	System Engineer (State Data Centre)	1	25,000/-
	Total	7	

The details of posts, Eligibility criteria viz., Essential qualification, Experience, Age, Roles and responsibility and terms and conditions are given below: -

S.N	Name of the Post	Eligibility Criteria
1	State Project Manager, Common Service Centre	<p>Essential Qualifications:</p> <ul style="list-style-type: none"> • B.E/B.Tech in any discipline <p>Experience:</p> <ul style="list-style-type: none"> • Minimum 5 years experience, out of which 2 years Project Management experience in Common Service Centre. <p>Others:</p> <ul style="list-style-type: none"> • Should be resident of A&N Islands. <p>Duties and responsibilities:</p> <ul style="list-style-type: none"> • Roll out and management of CSCs in all the districts of A & N Islands. • MIS of services provided by CSCs • Training VLEs for implementation of new services. • Troubleshooting all technical issues faced by VLEs using remote tools. • Ensure smooth delivery of G2C & B2C PAN India services. • Scheduling Video conferencing between all District Head Quarters and Secretariat/Raj Niwas. • Providing network connectivity to Government offices through SWAN. • Implementation, operation & maintenance of SWAN and DCN projects in A & N Islands.

S.N	Name of the Post	Eligibility Criteria
2	Project Manager, State Data Centre	<p>Essential Qualifications:</p> <ul style="list-style-type: none"> • B.E/B.Tech in CSE/IT/ECE/EEE <p>Experience:</p> <ul style="list-style-type: none"> • Minimum 4 years of experience in IT firm, out of which minimum 2 years Project Management experience in Data Centre <p>Others:</p> <ul style="list-style-type: none"> • Exposure to ITIL processes in any Data centre. <p>Duties and responsibilities:</p> <ul style="list-style-type: none"> - Overall management of the SDC project - SLA commitments, performance, conflict resolution etc. - Effective Resource Management; System & Resource planning based on requirements forecast. - Coordinate with all the project stakeholders (User Departments, vendors) to ensure that all implementation activities are carried out in a timely manner. - Coordinate with vendors and OEMs to ensure that time and equipment dependencies are optimally managed - Preparation of plans and schedules, tracking project progress and timelines - Review the technical plans and policies such as backup policy, security policy etc. - Risk Management and escalation to higher levels for mitigation. - Capacity planning for SDC. - Provide leadership for Change Management process. - Oversee development of ITSM and ISMS. - Responding to security breaches or other security incidents and coordinate with respective OEM in case of a new threat is observed to ensure that workaround / patch is made available for the same - Responsible for upgrade of SDC.
3	Database & Storage Administrator (State Data Centre)	<p>Essential Qualification:</p> <ul style="list-style-type: none"> • B.E/B.Tech/MCA <p>Experience:</p> <ul style="list-style-type: none"> • 2+ years of experience in IT Organization. <p>Desirable: OEM certification (OCP/MCDBA)</p>

S.N	Name of the Post	Eligibility Criteria
		<p>Duties and responsibilities:</p> <ul style="list-style-type: none"> • Installation and configuration of Database (MSSQL / MYSQL / ORACLE etc) in Windows/ Linux/Unix Server environment. • Creation of Database instances, creation of user authentication • Deployment & configuration of applications in already installed DBs. • Management of database health and logs • Responsible for taking and managing database backup & restoration. • Importing / exporting database data • Checking connection between application and database server while hosting applications • Database performance tuning • Resolving EMS incident assigned to them • Coordinate with respective OEMs
4	Network Engineer	<p>Essential Qualification and Experience:</p> <ul style="list-style-type: none"> • B.E/B.Tech in CSE/ECE/IT/EEE <p>Or</p> <p>B.Sc. (IT/Computer Science)</p> <p>Or</p> <ul style="list-style-type: none"> • 3 years Diploma in CS/EC/IT/Electrical with 2 years experience in the field of networking. <p>Duties and responsibilities:</p> <ul style="list-style-type: none"> • Monitoring and providing connectivity support to Government departments. • LAN networking • Setting up of VPN connectivity for CSCs. • Monitoring of VSAT operations across A & N Islands. • Monitoring of SWAN network across A & N Islands. • Maintenance of Video Conferencing (VC) register. • Maintenance of stock register.

S.N	Name of the Post	Eligibility Criteria
5	Technical Analyst	<p>Essential Qualification and Experience:</p> <ul style="list-style-type: none"> • B.E/B.Tech in CSE/ECE/IT/EEE <p>Or</p> <p>B.Sc. (IT/Computer Science)</p> <p>Or</p> <ul style="list-style-type: none"> • 3 years Diploma in CS/EC/IT/Electrical with 2 years relevant experience. <p>Duties and responsibilities</p> <ul style="list-style-type: none"> • Procurement of all goods and services required by SOVTECH through GeM/e-Procurement. • Settlement of invoices. • All correspondences pertaining to software development. • Maintenance of IT & IteS Startup warehouse facilities. • Assist Project Managers in preparing proposals. • Coordinating with security auditors.
6	Electrical Specialist (State Data Centre)	<p>Essential Qualifications:</p> <ul style="list-style-type: none"> • Diploma in Electrical <p>Experience:</p> <ul style="list-style-type: none"> • At least 1 year of working experience in any Data Centre. <p>Duties and responsibilities:</p> <ul style="list-style-type: none"> • Responsible for defining required level of physical protection in SDC. • Responsible for managing physical environment (maintaining, monitoring and reporting included). • Problem resolution/Troubleshooting. • Supervise Material movement for all material entering/exiting. • Review Incident reports leading to disruption, downtime and security violations. • Ensure that all infrastructure equipment is maintained according to polices and recommendations and perform regular checks on environmental equipment and conditions. • Ensure that all routine maintenance tasks are completed on all operational physical infrastructures.

S.N	Name of the Post	Eligibility Criteria
7	System Engineer (State Data Centre)	<p>Essential Qualifications:</p> <ul style="list-style-type: none"> • B.E/B.Tech in any Discipline with 3+ years of relevant experience out of which at least 2 years work experience in Data Centre in any Tier-1/Tier-II/Tier-III Data Center <p style="text-align: center;">OR</p> <ul style="list-style-type: none"> • Diploma in Engineering in any Discipline with 5 + years of relevant experience out of which at least 3 years experience in any Tier-1/Tier-II/Tier-III Data Center <p>Duties and responsibilities:</p> <ul style="list-style-type: none"> • Installation of operating systems in Server Environments • Hardening of servers (service pack & patch updation) • Installation and configuration of IIS / DNS / FTP/ ADS service • Installation of Backup and anti-virus client in Servers • Installation and configuration of EMS Agent • Performing maintenance activities • Logging call with vendor for faulty component replacement • Resolving EMS incident assigned • Coordinate with respective OEMs

METHOD OF SELECTION:

- The Selection will be made through a written test which will be held for the eligible candidates on **15th – 16th Dec, 2021**. Skill test in the relevant field will be held for the posts on **17th – 18th Dec, 2021**.
- The Written Test will carry maximum marks 30.
- The skill test will carry maximum marks 70.

TENURE OF CONTRACT:

The period of contract shall be for Five Years renewable on yearly basis based on performance.

GENERAL CONDITIONS:

- A Candidate may apply for more than one post.
- The candidate who can join immediately after selection will be given preference.
- The candidates needs to apply online by visiting the url – <https://erecruitment.andaman.gov.in> or may also apply through eDweep Kendra (CSC) by paying usual charges for scanning and uploading the documents.

- All relevant documents in support to the essential qualification, desirable qualification like Educational Certificate, Mark Sheets, Age Proof and Experience Certificate should be uploaded along with the applications.
- The last date of submission of application (online) is **6th Dec, 2021 by 4.30 PM.**
- Applications received after the due date and time shall not be considered.
- The syllabus for written test and skill test is enclosed as Annexure A.
- Society for Promotion Vocational & Technical Education (SOVTECH) reserves the right in all respect regarding filling up the post and the decision. Its decision will be final and binding.
- In case it is detected at any stage of recruitment that a candidate does not fulfil the eligibility norms and/or that he/she has furnished any incorrect/false information, his/her candidature will stand rejected.
- The candidates are advised to go through the requirements of educational qualification, age etc. carefully and satisfy themselves that you are eligible before appearing for the interview.
- The decision of SOVTECH in all aspects pertaining to the application, its acceptance or rejection, conduct of interview and at all consequent stages culminating in selection or otherwise of any candidate shall be final and binding on all concerned. SOVTECH reserves its right to alter/modify any condition laid down in this vacancy notice or any backend process for conduct of selection during its various stages as warranted by an unforeseen circumstances arising during the course of this process or as deemed necessary by SOVTECH at any stage.
- Applicants should note that some of the above posts may involve work of arduous nature and in shifts.

ACTION AGAINST MISCONDUCT:

- i) Candidates are advised in their own interest that they should not furnish any documents/information that are false, tampered, fabricated, having overwriting, having correction marks and they should not suppress any material information while filling up application.
- ii) At any stage of recruitment or later, if a candidate is or has been found guilty of any misconduct during the selection process, in addition to rendering himself/herself liable to legal/criminal prosecution, will also become liable to be:
 - a) Disqualified from the selection process and/or
 - b) Debarred either permanently or for a specified period from any examination/recruitment and/or
 - c) Discharged/removed/dismissed from service, if the act of misconduct comes to notice after his/her appointment to the roll of SOVTECH.

SYLLABUS FOR SELECTION TEST FOR SELECTION OF VARIOUS POSTS IN SOVTECH

1. Name of the post: State Project Manager, Common Service Centre

Written test: Time allowed: 30 min (30 marks)

Syllabus:

- CSC Project
- Project Management
- Networking
- G2C & B2C PAN India Services

Skill test: Time allowed: 90 min (70 marks)

- Remote tools
 - System & Software Troubleshooting
 - Citizen Centric Services
 - Video conferencing
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2 Name of the post: Project Manager, State Data Centre

Written test: Time allowed: 30 min (30 marks)

Syllabus:

- **Data Centre** - tier1, tier 2, tier 3, tier 4 Data Centre, Functions of Data Centre, IT and non- Infrastructure of a Data Centre,
- **ITIL** – IT asset, event, configuration item, change, incident, problem, known error, Information security management, standard change, emergency change, normal change, incident management, IT asset management, Service level agreement, Service Request Management, RACI Matrix

Skill test: Time allowed: 90 min (70 marks)

- Outlining Master Service Agreement for Data Centre Operator - Components, Service Level Agreement, Calculation of LD and Penalty.
- Establishing ISMS
- Steps for hosting an application in a Data Centre.
- Handling Security breach incidents in Data Centre.
- Root Cause Analysis for situations such as (data loss, security incident etc)
- Steps to upgrade an existing Data Centre.
- Procedure for carrying out planned and unplanned maintenance activities in Data Centre.
- ISO and related standards for data security and secured operations of data centre.
- Basics of Disaster Recovery

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3. Name of the post: Database and Storage Administrator, State Data Centre

Written test: Time allowed: 30 min (30 marks)

Syllabus:

Database:

- MS SQL SERVER Architecture, SQL SERVER Installation, SQL Server Backup & Restore:
Security Concepts in SQL
- Performance Tuning, Log Shipping, Database Mirroring, Clustering
- Introduction to MySQL - Basic SQL, Managing Users and Privileges, Backing Up and Restoring MySQL Databases

Storage:

- SAN – LUN, Volume Pool
- IBM Storage - RAID
- Cisco SAN Switch - Configuration of MDS SAN Switch, Zoning
- Fabric Monitoring, iSCSI, FC, Multipathing

Skill test: Time allowed: 90 min (70 marks)

Database:

- Install and configure Default instance of SQL Server
- Restore Database DB1 backup file
- Add another Database DB2 mdf file
- Create a Login to connect and perform DML operation on DB1

Storage:

- Design Architecture of a San connectivity to a blade 4 of a Blade enclosure
- Write each Steps and its detailed configuration for establish the connectivity from blade 4 to SAN
- Create a Volume pool named (T_SAN) in Hitachi SAN - Assign LUN for the (T_SAN)
- Allocate 2 TB in a Server with multipath

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4. Name of the post: Network Engineer

Written test: Time allowed: 30 min (30 marks)

Syllabus:

- Networking-Network Devices, IP Addressing and Subnetting, Switching and VLANs, Routing (Static and Dynamic), Access Control Lists, DHCP
- SWAN- Overview, Design and Architecture
- Proxy Servers and Virtual Private Network
- Fiber Optic Networks

Skill test: Time allowed: 90 min (70 marks)

- Configuration of Routers.
 - Optical Fiber Cable Splicing and ensuring end-to-end connectivity between two PCs in a fiber network.
 - LAN Networking.
 - Configuration of Leased Line Network.
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5. Name of the post: Technical Analyst

Written test: Time allowed: 30 min (30 marks)

Syllabus:

- Basic Networking Concepts
- GeM
- Procurement modes of products and services in GeM and CPPP.

Skill test: Time allowed: 90 min (70 marks)

- Bid creation in GeM portal
 - Proposal for procurement of a) Goods and b) Services through GeM.
 - RFP for procurement through e-procurement.
 - Bid creation in CPPP.
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5. Name of the post: Electrical Specialist (State Data centre)

Written test: Time allowed: 30 min (30 marks)

Syllabus:

- Working principle, Fault analysis & Troubleshooting technique of Electrical devices
 - Uninterrupted Power Supply (UPS)
 - Diesel Generator (DG)
 - Precision Air Conditioner (PAC)

- Working principle, Fault analysis & Troubleshooting technique of Security Systems
 - Fire suppression system
 - Addressable fire panel
 - Very Early Smoke Detection Apparatus (VESDA)
 - Close Circuit Television (CCTV)
 - Rodent Repellent system (RRS)
 - Water level detection system (WLD)
 - Access control system (ACS)

Skill test: Time allowed: 90 min (70 marks)

- Fault analysis of 82.5 KVA Diesel Generator (DG), Engine Model No: 6BT-5.9-G1, Make: CUMMINS.
 - Fault analysis of 8.5 ton Precision Air Conditioner (PAC), Model-PEX 130EC with ICOM), Emersion make.
 - Calibration of electrical device parameters through Johnson control (JCI) Metasys V5.2.0.5400 monitoring systems.
 - Troubleshooting of EST(quick start) addressable fire panel, Water level detection system.
 - Troubleshooting of S321-IP door controller.
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7. Name of the post : System Engineer

Written test: Time allowed: 30 min (30 marks)

Syllabus:

- Windows Operating Systems
- Application Hosting in IIS
- Active Directory Service
- DNS server
- Basic System Hardware (IBM)
- Basic Understanding IPv4 Addressing
- Netbackup
- Antivirus

Syllabus for skill test

- Assemble a CPU and power on and update BIOS configuration
- Install and configure Windows 7 OS
- Assign IP in System
- Show Overview of Storage in System and Create a drive with 50GB
- Configure the following in Veritas Netbackup 7.7.3 tool
 - Assign new Volume Pool
 - Create a new Backup policy

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