

MAHANAGAR TELEPHONE NIGAM LIMITED

(A GOVERNMENT OF INDIA ENTERPRISE)

MTNL/CO/Pers/MSITS Deputation/2021

Dated: 01.06.2023

2024

OFFICE MEMORENDUM

Subject: Requirement of Officer at MTNL STPI IT Services Ltd. Chennai on Deputation Basis

MTNL is looking for qualified and experienced professionals, on deputation basis, from amongst the existing MTNL Officers to take-up the challenging and result oriented assignments in MTNL STPI IT Services Ltd., Chennai.

MTNL-STPI IT Services Ltd is a 50:50 Joint Venture between Software Technology Parks of India and Mahanagar Telephone Nigam Ltd. The JV formed in 2006 combines the STPI's rich experience as an ISP and MTNL's track record of being India's leading telecom operating company to offer niche portal services to the Indian community. The JV was formed to realize one of the 10-point agenda of Ministry of Communication and Information Technology which are of extreme importance to India for bringing about an all round economic development. The JV aims to provide exclusive data center services, messaging services, business application services to the identified sectors of economic activity and thereby also popularizing the .in domain in the networked community across the world.

The selected officer will be a part of the elite team, for day to day services and functioning of MTNL-STPI IT Services Ltd.

Name of the post	Assistant Manager / Deputy Manager
Number of Post	ONE (01)
Age Limit (Min) / (Max)	30 years / 56 years
Essential Qualifications	Bachelors' degree in Engineering/ Technology with 1 st class in Electrical/Electronics & Communications/Computer science/ Information Technology
Place of Posting	Chennai (Tamilnadu)
Period of Deputation	Minimum Two (02) Years* (* - may be extended further in accordance to MTNL Deputation Terms & Conditions with due approval of MSITS Board)
Deputation Terms & Conditions	<u>MSITS may adopt MTNL Deputation Terms and Conditions</u>
Experience	Minimum Five (05) Years (in the following areas, as below):



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DataCenter Power Systems such as Electrical Systems(Macro View), Electrical Concepts: PF, KW, KVA, KVAR, 3-Phase Power & Single phase Power, Single Line Diagram (SLD), Power Transmission, Utility Power, Power Feed Classifications, Break before Make, Make before Break, Topologies, Unit Substations, Circuit Breakers, Switchgear, Arc Flash, Standby Generator, Transfer Switches (ATS, STS, etc.), UPS Systems, Power Distribution Unit (PDU), Busbar Trunking System (BTS), Calculating Power Requirements & Load, Important Considerations, Data Center Lighting Systems.

Data Center Grounding System such as Effective Grounding System, Equipment & Materials, Methods and Disciplines

Data Center Cooling & Mechanical Systems such as Latent vs Sensible Cooling, Sensible Heat Ratio, Cooling Cost Engineering, Humidity Cost Engineering, Heat Transfer Principles, Environmental Design Conditions, HVAC Cooling System Topologies, Precision Air Cooling, Chilled Water Cooling, Direct Expansion (DX), Comparing Solutions and Designs, Heat Transfer Fluids, Temperature Differential, CAV vs VAV Systems, Cooling Measurements, Cooling Layouts, Cooling Efficiency.

Data Center Fire Protection- Physical Infrastructure Security, General Considerations, Detection Systems, Prevention Systems, Suppression Systems, Fire Concepts, Fire Classifications, VESDA and HSSD, Halocarbon vs Inert Agents, Fire Suppression Sizing & Calculations, Water-based Systems.

Data Center Structured Cabling - Connectors, UTP, FTP, STP Cables, Singlemode vs. Multimode Fiber, Data Center Cabling Topology, Horizontal Cabling, Backbone Cabling, Cabling Security, Structured Cabling Considerations.

IT Infrastructure - Data Center Telecommunication, Data and Data Transmission, DSx vs. Tx, Telecom Categories and Capacities, Optical Carrier, SONET, OC, STS, SDH, STM, Signal Hierarchy, Dark Fiber

Information Technology- Server Types and Components, Storage Types and Media, Storage Engineering, RAID Methods, Network Infrastructures, Network Topologies, Routing & Switching Protocols, IGP, BGP, OSPF, VRRP, MPLS, ATM, Frame Relay, IPv4 vs. IPv6, OSI Model, Load Balancing Types & Methods, 6-Pack Architecture, Firewalls



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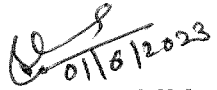
	<p>and Intrusion Detection, Virtual Private Networks, VPN Protocols: IPsec, L2TP, PPTP, SSL, Virtualization Types & Methods, Cloud Infrastructure, OpenStack.</p> <p>Data Center Safety & Security Systems- CCTV, DVR, NVR, etc., Access Control Systems, Mantraps & Airlocks, Tracking & Tracing, The Security Office, IT Security, Safety Principals.</p>
<p>Preference will be given who is having following certificates</p>	<ol style="list-style-type: none"> i. Certified Data Centre Professional (CDCP) ii. Cisco Certified Internetwork Expert iii. Juniper Networks Certification Program (JNCP)-DC iv. Project Management Professional certificate v. Microsoft Certified Solutions Expert (MCSE) vi. Red Hat Certified Architect (RHCA) vii. Cloud Architect Certification
<p>Roles and Responsibilities</p>	<ul style="list-style-type: none"> • Prepare plans for development and installation of data center according to present and future requirements. • Monitor all software and hardware products and ensure compliance to Data Center standards and systems. • Administer installation and maintenance of organization data centre. • Monitor all activities related to analysis and implement all data center plans. • Supervise designing and evaluation of all server systems according to measurement of process. • Perform troubleshoot on data center, identify issues and assist in timely resolution of same. • Manage and perform research to design new advanced data center. • Ensure adherence to all established guidelines and management practices for employees. • Coordinate with various departments and perform integration of critical systems into infrastructure. • Coordinate with IT, enhancement and business teams and develop strategies to ensure achievement of data center capacity. • Maintain expert knowledge on all applications and its use on systems for various critical systems. • Ensure client satisfaction and provide optimal level of customer services for various departments. • Maintain effective professional relationships with IT relationship managers. • Maintain expert knowledge on all business procedures associate with assets and capacity. • Monitor all functional resources required for growth and ensure appropriate working. • Other additional work shall be given at time to time.



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How to apply: The officers desirous to be considered and willing to take up the challenges, may submit application to GM(HR & Legal)CO, through proper channel, in the enclosed prescribed format along with Vigilance/Disciplinary status report, **within one month (30 days)** from the date of issue of the advertisement. For processing the case, an advance copy of the application should be mailed to dgmhrco@bol.net.in , within 15 days from the date of issue of the advertisement, however, applications received through proper channel shall only be considered finally


01/8/2023
(Shama Kaushik)
DGM (HR), CO

Copy to:

1. CMD, MTNL
2. Director(HR&EB), /Director(Fin.) / Director(Tech.), MTNL
3. CVO, MTNL
4. ED, MTNL, Delhi / Mumbai
5. CEO, MSITS
6. All GM(s) of MTNL CO
7. GM(Admn) HQ, MTNL Delhi / Mumbai
8. Company Secretary, MTNL
9. For uploading / posting at MTNL Delhi/Mumbai Intranet portal
10. Office Copy



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Annexure

(Application Form for calling of volunteers for One Post (AM/DM level officer) on deputation basis at MTNL STPI IT Services Limited (MSITS), Chennai (a 50:50 Joint Venture between Software Technology Parks of India and Mahanagar Telephone Nigam Ltd))

1.	Name	
2.	Staff No./Emp. No.	
3.	Date of Birth and age as on the date of publication of advertisement	
4.	Category (Gen./SC/ST/OBC/others)	
5.	Recruitment Year	
6.	Present post	
7.	Date from which the present post held	
8.	Present Grade of Pay	
9.	Date from which the present grade of pay held	
10.	Substantive Post	
11.	Mobile Number	
12.	Email Id	

13. Family Details:

Single / Married	
Working Status of Spouse	
No. of Children	

14. Educational / Professional Qualification/s (Graduation onward):

S.No.	Name of Qualification	Name of Institution	Year of Passing	%age	Tick the relevant		
					Full Time	Part Time	Correspondence / Distance

80
01/01/2023

15. Posting details starting from present posting (attach extra sheet if required):

S.No.	Designation	GM Unit	Period		Nature of Duties
			From	To	

DECLARATION TO BE SIGNED BY THE APPLICANT

I undertake that all the statements made in the application are true, complete and correct to the best of my knowledge and belief. I also understand that in the event of any particular information found false or incorrect, my candidature for the post applied for is liable to be rejected or cancelled at any time without any specific notice period.

Signature of the applicant

(To be filled by Controlling Unit maintaining Service Book)

The details from S.No.1 to 15 have been verified from the service book.

Signature & Stamp of verifying Officer

It is certified that there is no Vigilance / Disciplinary case is pending / contemplated against the officer and the case is recommended for further submission.

Signature & Stamp of Controlling Officer

[Handwritten Signature]
01/06/2023