TELECOMMUNICATIONS CONSULTANTS INDIA LIMITED
(a Government of India Enterprise)

Advt. No : TCIL/ITTII/47/2023   **Date:10.07.2023**

Advertisement for Hiring of services of 50 contractual manpower in the field of Cyber Security on Contract basis.

Telecommunications Consultants India Ltd. (TCIL) is a multinational Public Sector Organization under the administrative control of Department of Telecommunications, Ministry of Communications, Government of India. TCIL is operating globally to provide world-class technology and Indian expertise in all fields of Information Communication and Technology.

TCIL requires qualified and experienced Officers for the following post in the field of Cyber Security on Contract basis for deputation on MHA project.

Sl.No.	Post Description	No of Posts	Mini. Experience	Salary per month
1	Senior Technical Program Manager (TOR – 1)	4	7	₹ 250,000
2	Android / iOS Security Researcher (TOR 3)	2	5	₹ 160,000
3	Dark Web Researcher (TOR 4)	1	5	₹ 160,000
4	Cyber Law Expert (TOR 20)	1	4	₹ 120,000
5	Cyber Investigation and Forensic Specialist (TOR 21)	2	5	₹ 160,000
6	Vulnerability and Threat Management Professional (TOR 8)	3	5	₹ 160,000
7	Executive Assistant (Procurement)- TOR 5	1	4	₹ 120,000
8	Executive Assistant (Office Expert)	2	3	₹ 65,000
9	Technical Assistant (NCRP)	3	3	₹ 65,000
10	Technical Assistant – (CFCFRMS)	3	3	₹ 65,000
11	Technical Assistant – (JCCT)	3	3	₹ 65,000
12	Technical Assistant – (NCEMU)	1	3	₹ 65,000
13	System and Network Administrator (TOR 9)	2	4	₹ 120,000
14	Security Operation Center Expert (TOR 10)	1	5	₹ 160,000
15	Malware Researcher (TOR 14)	2	5	₹ 160,000
16	Data Analytics Professional (TOR 15)	4	5	₹ 160,000
17	Cyber Crime Researcher – BFSI (TOR 16)	2	5	₹ 160,000
18	Cyber Crime Researcher – Telecom & IoT (TOR 23)	2	5	₹ 160,000
19	Senior Software Engineer (TOR)	1	5	₹ 160,000

20	Mass Communication Expert (TOR 17)	1	5	₹ 160,000
21	Digital Media outreach expert (TOR 18)	1	4	₹ 120,000
22	Ecosystem Community Development Professional (TOR 19)	1	5	₹ 160,000
23	Cyber Threat Analyst (TOR 22)	7	3	₹ 65,000

1. **Contract Period**
   a) The initial period of engagement shall be for 1(one) year and extendable to another one year provided project gets extended by MHA.
   b) Upon selection candidate shall sign an agreement with TCIL and MHA (with detailed terms and conditions) to bring the recruitment into effect.
   c) The contractual employee shall not claim any appointment in TCIL during or after the contract period.
   d) The contract may be terminated by giving **one month's** notice.

2. **Entitlements**
   a) **Leave:** 12 days casual leave in a calendar year**,** on proportionate basis.

   b) **Holiday:** Hired Professionals shall be entitled for Gazetted Central Government holidays.

   c) **TA/DA:** No TA/DA shall be admissible for joining the assignment or on its completion. However, TA/DA shall be paid in case the HIRED EMPLOYEE is deputed by MHA for official work and the same shall be governed by provisions contained in Department of Expenditure O.M. No:19047/1/2016-E.IV dated 14.09.2017.

   d) **Accommodation:** No accommodation or HRA will be provided by MHA or TCIL.

   e) **Powers:** HIRED EMPLOYEE shall not exercise any statutory, legal or financial powers.

   f) **Medical insurance:** No medical coverage will be given by MHA or TCIL.

3. **Working hours**
   a) The HIRED EMPLOYEE shall have to work as per the working hours of MHA. However, depending on the exigency of work, one may be required to come early or sit late to complete the time bound work. No overtime would be paid by MHA or TCIL.

   b) HIRED EMPLOYEE shall comply with the oral and written instructions given to them on day to day basis, by the officer(s) authorized by MHA from time to time. They will be bound by office timings, duty, placement, locations, etc., as decided by MHA.

4. **Conduct**

   a) Their conduct should be those becoming of at par with Government servant.

5. **Performance Evaluation**

   a) Performance will be evaluated on quarterly basis by TCIL/MHA.

6. **Termination of engagement**

    a) TCIL may terminate the engagement of HIRED EMPLOYEE if:
- The person is unable to accomplish the assigned works.
- The quality of the assigned work is not to the satisfaction.
- The person fails in timely achievement of the milestones as decided by MHA.
- The person is found lacking in honesty and integrity.

7. **Necessary Instructions**

    a) Before applying, the candidate should ensure he/she fulfills the eligibility criteria and other norms mentioned in the advertisement.

    b) Experience in the relevant field shall be calculated from the date of attaining the minimum essential qualification(s).

    c) Mode of selection will be Preliminary Skill Test .TCIL/MHA reserves the right to modify the selection procedure, if deemed fit.

    d) TCIL reserves the right to increase /decrease the number of vacancies and cancel the recruitment process at any stage.

    e) TCIL reserves the right to shortlist applicants for interview and not bound to call all candidates meeting eligibility criteria.

    f) The decision of TCIL in all matters would be final and binding, and no correspondence in this regard would be entertained.

    g) The application form in the prescribed format without the self-attested copies of all relevant certificates ie Educational/Professional Qualifications, Date of Birth, proof of CTC/ Salary, candidates shall have to submit relevant Form 16/ pay certificate /certified salary slip &Work Experience (s) will liable to be rejected.

    h) Interested candidates should submit their applications through following email in the prescribed format only up to the last date of receipt of applications.

    csp.mha@tcil.net.in

    i) Last date of receipt of application through email **csp.mha@tcil.net.in** is **04/08/2023**.

8. **Qualification and Work experience**

8.1 Senior Technical Program Manager (TOR - 1)

Key Responsibility

Role of the professional is to lead and coordinate with vertical heads, officials of I4C, cybercrime research team etc. to implement creative ideas, engaging with multiple stakeholders, intermediaries and making data-driven decisions for following verticals each.

	Qualification	Work Experience
Essential	B.E/ B.Tech (Computer Science/Computer Engineering/Information Technology/Electronics / Electronics & Communication/Electronics & Telecommunication) / MCA with First Division or with minimum 60% marks in aggregate from a recognized University/Institution	Relevant Experience in domain Cyber Security/ Cyber Crime in execution and management. Hands-On experience in Cyber Security Audits, Vulnerability Management, Penetration Testing, ISMS Implementations, Cyber Forensics, Cyber Threat Intelligence.
Desirable	Relevant Certification in Cyber Security / Information Security/ Program Management	Experience of working in Cyber Security/ Information security, strategy, planning & policy formulation

8.2 Android / iOS Security Researcher (TOR 3)

Key Responsibilities

Professional will be responsible for identifying security vulnerabilities in Mobile Apps, perform malware analysis on android / iOS apps reported on various platforms, assist law enforcement agencies in mobile app forensics.

	Qualification	Work Experience
Essential	B.E/ B.Tech (Computer Science/Computer Engineering/Information Technology/Electronics / Electronics & Communication/Electronics & Telecommunication) / MCA / MBA with First Division or with minimum 60% marks in aggregate from a recognized University/Institution	3 Years experience in Mobile Security Assessment (Android & iOS), Reverse Engineering, Android Malware analysis
Desirable	Relevant Certification in Cyber Security / Information Security	Knowledge of Java, Android Platform, Linux Architecture, Scripting (Python/Ruby etc.)

8.3 Dark Web Researcher (TOR 4)

Key Responsibilities

Professional will help researching and investigation matters related to dark web like unlawful content, child pornography (CP), child sex abuse material (CSAM), financial frauds, money laundering etc. from various closed forums, deep/dark web, shallow network, and channels etc.

	Qualification	Work Experience
Essential	B.E/ B.Tech (Computer Science/Computer Engineering/Information Technology/Electronics / Electronics & Communication/Electronics & Telecommunication) / MCA / MBA with First Division or with minimum 60% marks in aggregate from a recognized University/Institution	Minimum 3 years of experience in Dark Web Investigation, Data Leak monitoring, Negotiation etc.
Desirable	Relevant Certification in Cyber Security / Security Operations Center / Incident Response.	Hands-on experience on various dark web /deep web technologies.

8.4 Cyber Law Expert (TOR 20)

Key Responsibilities

Provide Legal inputs for meetings with intermediaries, Ministries, Research on International Cyber Laws, Amendments in IPC, CrPC etc, provide legal assistance to Investigation officers.

	Qualification	Work Experience
Essential	Graduate Degree/Post Graduate Degree in LLB/LLM.	Minimum 3 years of leading experience in Trail/High Court related to cyber-crimes.
Desirable	Relevant Certification in Cyber Law/ Information Security with knowledge in IT Act, Evidence Act, Intermediaries Guidelines, RBI - NPCI Liability Guidelines etc.	Assisting Law Enforcement Agencies, Corporates, Individuals in cases pertaining to online financial frauds, social media related crimes, Child Pornography etc.

8.5 Cyber Investigation and Forensic Specialist (TOR 21)

Key Responsibilities

Professional will be responsible to assist Law Enforcement Agencies in complex cyber crimes, research on new modus operandi, provide technical training to Law Enforcement Agencies and assist in cyber forensics.

	Qualification	Work Experience
Essential	B.E/ B.Tech (Computer Science/Computer Engineering/Information Technology/Electronics / Electronics & Communication/Electronics & Telecommunication) / MCA with First Division or with minimum 60% marks in aggregate from a recognized University/Institution	Minimum 3 years experience in domain of cyber forensics / information security.
Desirable	Relevant Certification in Cyber Security / Information Security / Cyber Forensics.	Hands-on experience on forensic tools (data, memory, mobile, network) and analysis.

8.6 Vulnerability and Threat Management Professional (TOR 8)

Vulnerability Assessment and Penetration Testing Professional will be responsible to perform task of vulnerability management of organization's infrastructure and perform VAPT on application / network infrastructure on need basis. Professional will also be responsible for Information Security Audits as and when required.

	Qualification	Work Experience
Essential	B.E/ B.Tech (Computer Science/Computer Engineering/Information Technology/Electronics / Electronics & Communication/Electronics & Telecommunication) / MCA with First Division or with minimum 60% marks in aggregate from a recognized University/Institution	Minimum 3 years hands-on experience in domain of Vulnerability Management, Application Security Assessment, Information Security Audits.
Desirable	Relevant Certification in Cyber Security / Information Security	Experience in Red Teaming, Securing critical / sensitive IT infrastructure (Banks, Government etc.)

8.7 Executive Assistant (Procurement)- TOR 5

Key Responsibilities

Executive Assistant (Procurement) will be responsible to maintain day to day finances, procurement, expenses, utilization of budget, create quarterly expense report etc. in line with allotted budget of I4C.

	Qualification	Work Experience
Essential	Graduate Degree in any field with minimum 60% marks in aggregate from a recognized University / Institution	Minimum 3 years of experience in handling procurement for Government, GEM Portal etc. for executive assistant (procurement)
Desirable	Knowledge of GFR, updated CVC Guidelines, GEM etc.	Experience in Government Organization.

8.8 Executive Assistant (Office Expert)

Key Responsibilities

Executive Assistant will be responsible for creating presentations, documentations, data entry operations for officers of all verticals. Professional will also be responsible to work on advanced excel, macro programing as and when required.

	Qualification	Work Experience
Essential	Graduate Degree in any field with minimum 60% marks in aggregate from a recognized University / Institution	Minimum 2 years of experience in data entry and making presentations. Must be conversant with Excel Programming, Word, Professional Power Point Presentation.
Desirable	Certification in advanced excel, Microsoft office.	Experience in Macro Programming, Excel Automation etc.

8.9 Technical Assistant (NCRP)

Key responsibility

Professional will be responsible for assisting in day to day activities related to National Cyber Crime Reporting Portal like analyzing number of complaints filed, data pull out, assisting in resolving Law Enforcement Issues related to Portal, ICJS coordination, monitoring logins etc.

	Qualification	Work Experience
Essential	Graduate Degree in any field with minimum 60% marks in aggregate from a recognized University / Institution	Minimum 2 years of experience in basic data analytics, general support, ticket management, customer support executive etc.
Desirable	Certification related to basic computing concepts.	Experience in financial / Government sector.

8.10   Technical Assistant - (CFCFRMS)

Professional will be responsible for managing CFCFRMS platform related operational work like user creation/deletion, query resolution, email replies, onboarding intermediaries, troubleshooting law enforcement issues etc.

	Qualification	Work Experience
Essential	Graduate Degree in any field with minimum 60% marks in aggregate from a recognized University / Institution	Minimum 2 years of experience in general support, ticket management, customer support executive etc.
Desirable	Certification related to basic computing concepts.	Experience in financial / Government sector.

8.11   Technical Assistant - (JCCT)

Key responsibility

Professional will be responsible for managing JCCT platform related operational work like user creation for law enforcement agencies, onboarding, linkage analysis, report extraction, troubleshooting portal issues.

	Qualification	Work Experience
Essential	Graduate Degree in any field with minimum 60% marks in aggregate from a recognized University / Institution	Minimum 2 years of experience in general data analysis, remote support, advance excel.
Desirable	Certification related to basic computing concepts.	Experience in financial / Government sector.

8.12 Technical Assistant - (NCEMU)

Key responsibility

Professional will be responsible for assisting outreach professional and technical trainer in organizing awareness campaigns, arrangement of meetings, campaigns etc.)

	Qualification	Work Experience
Essential	Graduate Degree in any field with minimum 60% marks in aggregate from a recognized University / Institution	Minimum 2 years of experience in organizing large campaigns, executive meetings, remote support. Must have good communication skills
Desirable	Certification related to basic computing concepts.	Experience in Corporate / Government sector.

8.13 System and Network Administrator (TOR 9)

Key responsibility

Administrator will look after maintaining the configuration and security of server, workstation, network and security devices (Firewall, Proxy etc.) of the department and assist in setting up and maintenance of security operation center.

	Qualification	Work Experience
Essential	B.E/ B.Tech (Computer Science/Computer Engineering/Information Technology/Electronics / Electronics & Communication/Electronics & Telecommunication) / MCA with First Division or with minimum 60% marks in aggregate from a recognized University/Institution	Minimum 3 years experience in Server and Network Administration along with configuring security appliances (firewall, NOC, SoC etc.)

Desirable	Relevant Certification in field of Networking, System Administration	Knowledge of Windows & Linux Server Management, Networking and scripting is desired from the candidate.

8.14 Security Operation Center Expert (TOR 10)

Key Responsibilities

Candidate will be responsible to setup security operation center (SOC), creating custom rules and co-relation, and monitoring of the departmental IT infrastructure. Candidate will also assist in Incident Response.

	Qualification	Work Experience
Essential	B.E/ B.Tech (Computer Science/Computer Engineering/Information Technology/Electronics / Electronics & Communication/Electronics & Telecommunication) / MCA / MBA with First Division or with minimum 60% marks in aggregate from a recognized University/Institution	3 Years Security/Network Operation Center Setup and Operation Experience in Ministries / Private Companies.
Desirable	Relevant Certification in Cyber Security / Security Operations Center / Incident Response.	Experience in configuring Log Rhythm SIEM solution, corelation, use case development and incident response.

8.15 Malware Researcher (TOR 14)

Key Responsibilities

As a member of the Malware Research Team, the candidate would be responsible for setting up malware lab, malware analysis on various platforms (mobile, windows and linux etc.). to create actionable report and coordinate with the concerned agencies.

	Qualification	Work Experience
Essential	B.E/ B.Tech (Computer Science/Computer Engineering/Information Technology/Electronics / Electronics & Communication/Electronics & Telecommunication) / MCA with First Division or with minimum 60% marks in aggregate from a recognized University/Institution	Minimum 3 Year of experience in malware analysis and reverse engineering domain.
Desirable	Relevant certification related to Malware Analysis/Cyber Security.	Experience in incident response (phishing campaigns detection, malware attack, APT etc.)

8.16 Data Analytics Professional (TOR 15)

Key Responsibilities

Data Analyst would be responsible for analyzing the data generated out of NCRP, CFCFRMS, JMIS, Social Media Handles etc. and provide visualization, dashboard creation, trend analysis on periodic basis.

	Qualification	Work Experience
Essential	B.E/ B.Tech (Computer Science/Computer Engineering/Information Technology/Electronics / Electronics & Communication/Electronics & Telecommunication) / MCA with First Division or with minimum 60% marks in aggregate from a recognized University/Institution	3 Year's experience in the field of Data Analytics and Data Science including (not limited to) data correlation, data cleanup, dashboard creation / visualization, OCR etc.
Desirable	Relevant Certification in Data Analytics / Data Science.	Experience with MS-SQL, MongoDB, Power BI, Tableau, Web Scrapping etc. and Perform data profiling, linkage analysis, attribution to identify and abilities to understand anomalies.

8.17   Cyber Crime Researcher - BFSI (TOR 16)

Key Responsibilities

Professional will work on research on in loopholes exploited by cyber criminals using various modus operandi, provide technical and policy level suggestions to counter the same in the field of Banking and Financial Services sector. Professional will overlook operation of CFCFRMS and develop investigation approach as and when required.

	Qualification	Work Experience
Essential	B.E/ B.Tech (Computer Science/Computer Engineering/Information Technology/Electronics / Electronics & Communication/Electronics & Telecommunication) / MCA / MBA with First Division or with minimum 60% marks in aggregate from a recognized University/Institution	Minimum 3 years of experience in the field of banking and financial services domain for cyber security/cyber forensics.
Desirable	Relevant Certification in Cyber Security / Security Operations Center / Incident Response.	Understanding of Payment Technologies like UPI, IMPS, AePS etc; relevant RBI - NPCI regulations.

8.18   Cyber Crime Researcher - Telecom & IoT (TOR 23)

Key Responsibilities

Professional will work on research on in loopholes exploited by cyber criminals in telecom and using various modus operandi, provide technical and policy level suggestions to counter the same in Telecom & IoT sector.

	Qualification	Work Experience
Essential	B.E/ B.Tech (Computer Science/Computer Engineering/Information Technology/Electronics / Electronics & Communication/Electronics & Telecommunication) / MCA / MBA with First Division or with minimum 60% marks in aggregate from a recognized University/Institution	Minimum 3 years of experience in Telecom Security and IoT security.
Desirable	Relevant Certification in Cyber Security / Security Operations Center / Incident Response.	Understanding of telecom infrastructure (4G, 5G), Internet of Things, SIM Box, VoIP etc.

8.19   Senior Software Engineer (TOR)

Key Responsibilities

Professional will work on architecting, code optimization of existing code of various portals of I4C, work on improvement of existing features and processes and assist the team in development issues and bug fixing.

	Qualification	Work Experience
Essential	B.E/ B.Tech (Computer Science/Computer Engineering/Information Technology/Electronics / Electronics & Communication/Electronics & Telecommunication) / MCA / MBA with First Division or with minimum 60% marks in aggregate from a recognized University/Institution	Minimum 5 years of experience in Software Design and development in reputed company/organization with experience in .NET technology.
Desirable	Relevant Certification Software Development	Understanding of secure coding, code optimization, database management and new web technologies.

8.20   Mass Communication Expert (TOR 17)

Key Responsibilities

Executing outreach programs for I4C in offline and online mode through collaborations with Universities, NGOs, Industry bodies etc., organize outreach campaigns, and develop innovative contents and plan to increase cyber hygiene in masses.

	Qualification	Work Experience
Essential	Masters in Mass Communication with minimum 7 years experience. OR MBA with Diploma in Mass Communication with 6 year of experience in Government Domain.	Relevant Experience in Publicity and Advertisement/ campaign, collaborations, Public Relations, Print & Digital Media, Short Videos, Radio Jingles etc.
Desirable	Relevant Certification in field of Mass communication & journalism	Experience in executing projects involving mass publicity of an initiative. Minimum 3 years of experience in Publicity and Advertisement/ campaign in Ministries, Government Departments /PSUs/Government Corporations of Central/State/UTs.

8.21 Digital Media outreach expert (TOR 18)

Key Responsibilities

This role focuses primarily on managing social media campaigns for I4C's social media handle (Cyber Dost), suggest new initiatives / content, increase the reach of cyber awareness through digital marketing skills.

	Qualification	Work Experience
Essential	Graduate Degree in any field with minimum 60% marks in aggregate from a recognized University / Institution	Minimum 3 years of social media marketing and outreach experience on various social media platforms like Google, Facebook, Instagram etc.
Desirable	Relevant Certification in Digital Marketing, Google AdWords, Search Engine Optimization (SEO/SMO), Facebook Marketing, Instagram Marketing etc.	Experience in graphics and video editing.

8.22 Ecosystem Community Development Professional (TOR 19)

Key Responsibilities

Role of the professional will be of technical trainer and develop innovative ways and for increasing digital literacy to prevent cyber-crimes. Professional will lead the initiatives under Cyber Jaakrookta or Cyber Hygiene and conduct technical sessions at Ministries/Departments, Schools, Colleges etc.

	Qualification	Work Experience
Essential	B.E/ B.Tech (Computer Science/Computer Engineering/Information Technology/Electronics / Electronics & Communication/Electronics & Telecommunication) / MCA / MBA with First Division or with minimum 60% marks in aggregate from a recognized University/Institution	Relevant Experience in domain of Cyber Security / Cyber Crime in execution and management. Technical Training Experience for Senior Management and General Public. Excellent Communication and Presentation skills.
Desirable	Relevant Certification in Cyber Security / Information Security	Experience in upskilling professionals in the field of cyber security / cyber forensics.

8.23   Cyber Threat Analyst (TOR 22)

Key Responsibilities

Professional will be responsible to prepare Cyber Digest, create actionable report through OSINT, inputs from National Cyber Crime Reporting Portal, Social Media Handles etc., manage in-house information sharing platform.

	Qualification	Work Experience
Essential	Graduate Degree in any field with minimum 60% marks in aggregate from a recognized University / Institution	Minimum 1 years of experience in OSINT, Social Media Analysis, Report Creation, Crime Research
Desirable	Certification related to basic computing concepts, language, cyber security / information security, OSINT.	Experience in financial / Government sector.