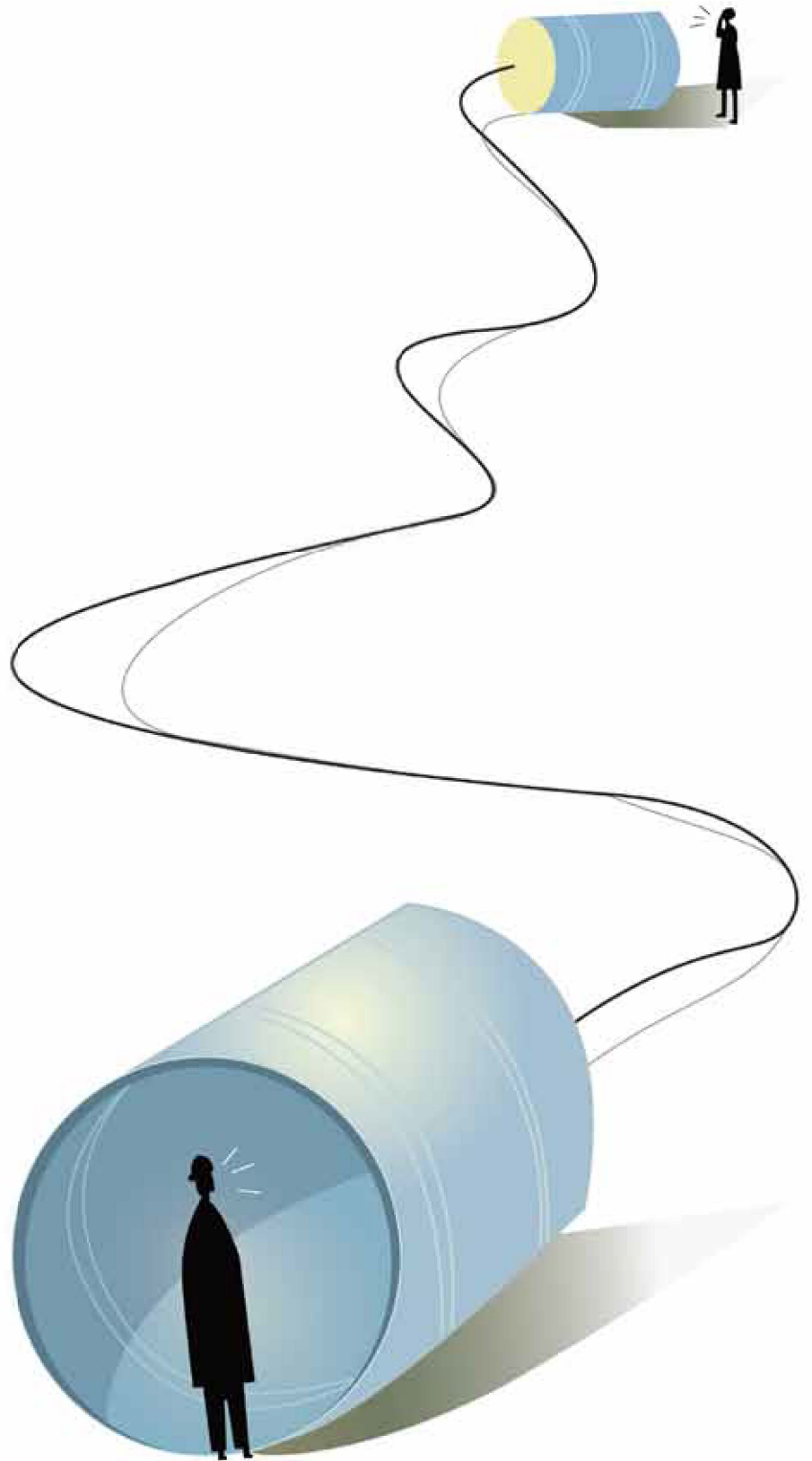# technoplanet

DESIGN · BUILD · TEST · TRADE

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Design ● Build ● Test ● Trade.

An engineering ICT professional Service and Trading Company

Established in 2013, we are an independent, multidisciplinary consultancy, engineering, and trading firm of designers, planners, engineers, consultants, and technical specialists offering a broad range of professional services. We specialize in ICT, Life Safety, Security, Audio Video, Home Automation & Building Management systems. We have in-house design capability of integrated ICT & ELV consulting Services under a single umbrella.

People are the basis for our success: clients, employees, partners, stakeholders, and many other people whose lives we want to improve through our work. That is what makes us the right choice for people's business. We are close to the market in which our clients operate and close to their projects. We work closely with architects, owners, operators, MEPs, OEMS and consultants to engineer custom technical systems for a wide range of public and private spaces.

We offer our clients the entire life-cycle of their initiatives; from initial concept, to operations under the single umbrella and focus on bringing objective, unbiased, cost-effective engineering design solutions. As an independent consultant,we have no affiliations with any particular brands, products, technologies or suppliers. We regularly conduct industry and manufacturer surveys to stay ahead of developing trends and to 'future proof' our own in-house criteria.

SERVICE VERTICALS

- ICT and Telecommunication
- ELV and Security
- Cyber Security
- Safety and Protection
- Audio-Video
- Building Management
- Power Backup
- Project Management
- Business Management Services
- Software & Consultancy
- Training
- Annual Maintenance Contract

ICT and Telecommunication

We provide complete end-to-end design solutions for ICT based on industry standards and guidelines. ICT & Telecommunication is the foundation for transforming business with mobility providing employees with the tools to communicate and collaborate anywhere, any time.

Our Engineers provide ICT & Telecommunication systems solutions to address the needs of Small, Medium, Enterprise, Government, Service-Provider customers, Hospitality, Healthcare, Commercial & Retail, Education & Institutes, and Industrial Sectors.

OUR ICT & TELECOMMUNICATION SOLUTIONS INCLUDE :

- End User Computing
- Structured Cabling Systems
- LAN & WAN System
- Wireless Infrastructure System
- Voice Communication Systems
- Data Center System
- Server & Storage Solutions
- Cloud Computing & Virtualization
- Mobility
- Big Data and Analytics
- Internet of Things (IoT)

Cyber Security

We help your business maintain an efficient information security system to secure your critical data and network from Cyber threat and attacks. We pride ourselves on our reliable IT security services that are designed to build layers of Online data security protection for your business. We have the experience, resources, and capabilities to expose any potential vulnerability through penetrate testing. Techno Planet is your trusted IT Security Assessment partner that can effectively manage any potential security dangers, secure your apps through heterogeneous security frameworks and firewall management.

ELV and Security

We provide complete end-to-end design solutions for ICT based on industry standards and guidelines. ICT & Telecommunication is the foundation for transforming business with mobility providing employees with the tools to communicate and collaborate anywhere, any time.

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OUR SECURITY & ELV SOLUTIONS INCLUDE :

- CCTV System
- Access Control System
- Intrusion Detection System
- Security Central & Monitoring Rooms
- PA/GA System
- MATV/SMATV /IPTV System
- Automatic Doors System
- Gate Boom Barrier & Bollard System
- Lighting Management System
- Lighting Control System
- Parking Management System
- Guest Room Management System

OUR CYBER SECURITY SOLUTIONS INCLUDE :

- Network Security
- Cloud Security
- End Point Security
- Email Security
- Wireless Security
- Security Assessment
- Penetration Testing

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SAFETY & PROTECTION

We are committed to providing best in n Electronic Safety and Fire Protection Engineering and Technology. Based on our rich Experience, with our forward – looking strategy, we are working everyday to find an answer to your problems.

OUR SAFETY & PROTECTION SOLUTION INCLUDE:

- Fire Detection & Alarm System
- Water Leak Detection & Alarm System
- Temperature Monitoring & Alarm System
- Humidity Monitoring & Alarm System
- Fire Suppression System

AUDIO VIDEO

We provide design, installation and service solutions to facilitate enhanced communications for any organization.

OUR AUDIO VIDEO SOLUTION INCLUDE:

- Mic System
- Audio Conference System
- Video Conference System
- Presentation System
- Video Wall & Control Room
- Collaboration Room
- Banquet Hall & Convention Center
- Lighting Control System
- Digital Signage System
- Back Ground Music System
- Home Automation System
- Audio – Video Control System

BUILDING MANAGEMENT

We are committed to providing best in Building Management system which can control Illumination (lighting) control, Electric power control Heating, Ventilation and air-conditioning (HVAC), Video surveillance, Intrusion Prevention, Fire alarm system, Plumbing, Lifts and Elevators, Public addressing system, Parking systems etc.

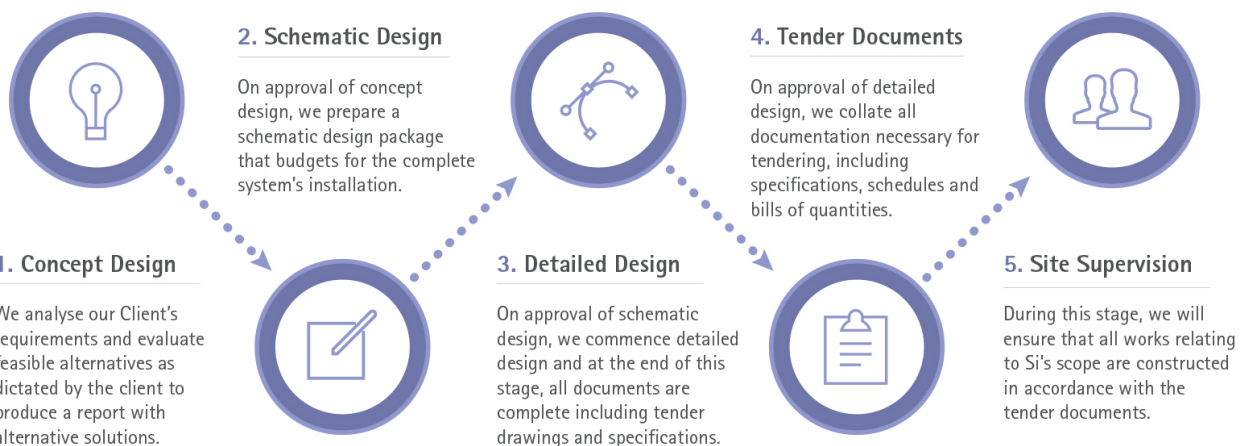**OUR BUILDING MANAGEMENT SOLUTION INCLUDE:**

- Building Automation System
- Smart Building System
- Smart Home System
- Energy Management System
- Automation Central Control & Monitoring Room

POWER BACKUP

We are committed to providing best in Power Backup solution. It has became inevitable part of today's IT need of any businesses. We supply power management solutions for your home, business or data center with reliable, uninterruptible power supply (UPS) and protection products.

Project Implementation Methodology

2. Schematic Design

On approval of concept design, we prepare a schematic design package that budgets for the complete system's installation.

1. Concept Design

We analyse our Client's requirements and evaluate feasible alternatives as dictated by the client to produce a report with alternative solutions.

3. Detailed Design

On approval of schematic design, we commence detailed design and at the end of this stage, all documents are complete including tender drawings and specifications.

4. Tender Documents

On approval of detailed design, we collate all documentation necessary for tendering, including specifications, schedules and bills of quantities.

5. Site Supervision

During this stage, we will ensure that all works relating to Si's scope are constructed in accordance with the tender documents.

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Project Management

WE offer "Project Management Services" to all customers who need professional management of their projects. Our certified Project Managers will make sure that your project goals are always achieved, the project budget is not exceeded and the deadlines of the implementation phases are always met.

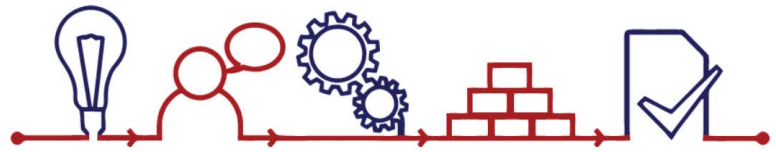### Why it is better to leave project management to professionals?

- A large number of IT/ELV projects fail to meet scheduled deadline.
- In the end about half of the projects require more resource than allocated the original budget.
- Every fifth IT project is abandoned before implementation is finished and often even before it gets started.

The main risks of project Management are:

- The scope of the project must be modified because of some external change.
- The project management is inefficient and / or the organization structure is not clear enough.
- The budget is insufficient and/or too optimistic.
- The scope of the project has to be changed because the original scope was not defined very well.
- Different expectations of the project outcome.
- Insufficient human resource for the project and /or problems in the team coordination.

Our project managers can play the following roles:

- Represent the management or the customer.
- Help you with your project vision and planning.
- Be the team manager.
- Be the Organizer and Coordinator.
- Help you with project administrations.
- Be the risk and change manager.
- Be the financial analyst.
- Be the business manager.
- Help you negotiate.
- Be the quality manager.

Techno Planet offers the right team with the right attitude which is the crucial factor in the project management. Since the project has to be completed in the limited time the high level of co-ordination and cooperation combined with a different management approach are essential.
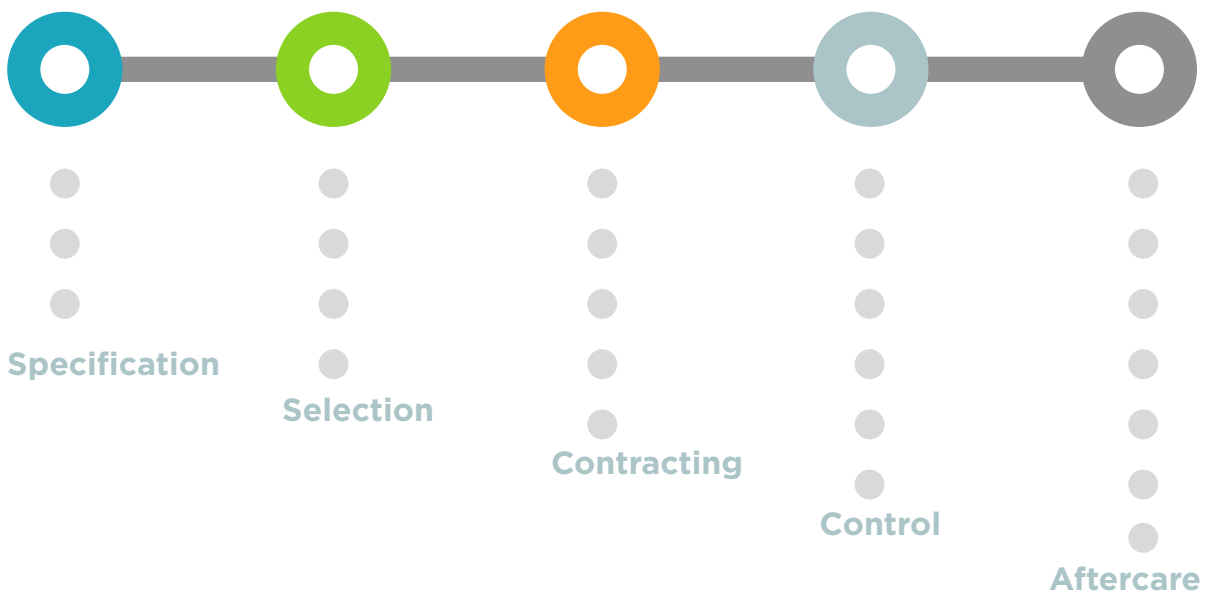
Procurement:

Cost optimization forms a major part of the strategy within companies. An efficient procurement process is a proven asset for accomplishment of cost control. It often turns out that 70 – 80 % of the cost price of the end product or the service is related to the procurement, optimizing the procurement process is a major issue for any type of organization.

The basic procurement policy is to procure technically acceptable materials, equipment and service at the best price, under conditions of maximum local competition. The suppliers shall be financially sound reputable, approved by all parties involved and capable of timely delivery of the good to the site.

Procurement and purchasing are often mixed up but purchasing is a part of Procurement and covers the process from market research, through selection vendors.

Project Procurement Process

Specification — **Selection** — **Contracting** — **Control** — **Aftercare**

Purchasing, Expediting and Inspection together are called Procurement.

The multidisciplinary character of AIT makes experts within various disciplines available for our Procurement Consultants. This way , all procurement specialists have quick access to a large range of engineering, technical and legal specialists with experience in numerous markets in order to discuss details and issues.

We offer advice and assistance with respect to procurement strategy and organization for procurement processes. We support our clients with the realization of strategic, tactical and operational procurement activities, characterized by a no-nonsense approach, resulting in substantial savings, both on short term and on long term basis. In order to achieve this, we make available experienced procurement specialists to meet and exceed client demand. We also organize workshops and training programs.

We frequently evaluate and support emerging technologies and service offerings and take pride in our successful track record of fostering growth in IT sector.

Business Integration Services

Business Integration Service is a package of products services for effective management and optimization of your business processes. We offer new IT architecture design, implementa-

tion of new solutions and many others If you like to improve quality of your service and get them closer to your customers? Does your IT department understand your requirements on quality improvement and does it react quickly enough. Would you like to provide ICT services of the same quality without implementing new solutions again and again and increasing costs? Do you wish to optimize your ICT without losing the money that you have already invested in it? Are you successful in making these ideas become reality?

Benefits you can get from BIS:

- Your IT will support your business goals mort than it did before.

- The communication between your IT and your business will be much easier. You will be able to plan your IT investments related to the latest changes and trends in IT with much more accuracy.

- Consolidation, standardization and reusing of your current ICT will protect your realized investments and minimize your operational costs.

- The communication and cooperation amount your employees, subcontractors , customers and partners will become better and simpler

- The exchange of information between your internal systems as well as with your external partners systems will be highly secure.

- All key information will be available at as single location.

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Consultancy:

Experience is the key.

In order to bring any project to a successful conclusion, it is critical to evaluate the technical, economic, financial and managerial viability of planned investments. Potential risks should also be considered thoroughly before any decision is made.

Our consultants assist you in developing a well-balanced strategy, from market research all the way to the execution of your plans. Techno Planet experts provide you with the experience, knowledge and necessary tools to confidently make policy switches or complicated investment decisions.

Techno Planet expertise and skills allow for fast-track project delivery. Through the application of high end design tool, successive design and engineering phases can be integrated. We can offer multidisciplinary design and engineering services in the market.

Trainings

Telecom is one of the fastest growing fields in today's recessionary environment. Many new telecom companies are planning to spread their wings. Since 3G has come with so many new projects. This is the right time for you to become a part of this booming industry. There are many new projects in pipeline and telecom industry is expecting more trained RF engineers. We provide following trainings.

- RF and wireless system design Foundation.
- Wimax RF Design courses.
- Antenna Engineering and Design.
- Mobile cellular Communications and Engineering.
- Wireless Digital Communications and Engineering.
- Wireless Networks and Wireless DATA Systems.
- Foundation in operation of various networking products.

AMC

We always think that prevention is better than Cure, as we also believe that proper maintenance and Follow-up provides lowest down time

in case of computer systems. We had noticed that most of the organization in IT industry is unable to provide sound after sales support, simply because of lack of concentration in the field of after-sales-support.

We have full fledged after sales department. Headed by one of the trained staff of the organization. We have huge inventory of the spares, we are sure that will minimize your down time to great extent. Our teams of support engineers are always on alert to solve your problem irrelevant of Software or Hardware.

After long discussions with different groups of users, we have designed different packages for maintenance. We strongly recommend you to select plan, which suits you the most.

Comprehensive AMC

- 12 months on site.
- Including Labour + Spares.
- Replacement of Spares, if available.
- Routine preventive Maintenance.
- Priority in Support.
- Ideal for Serious user who think Time is Money.

Non–Comprehensive AMC

- 12 months on site.
- Including Labour.
- Routine preventive Maintenance.
- Priority in Support.
- Ideal for Big Installation Base.

On – Call Contract (O.C.C)

- Charges per Problem.
- No Replacement of Spares.
- Low-Priority Compared to AMC.
- Ideal for Budgeted User.

On–Call Package (O.C.P)

- User friendly package.
- Discounted rates for Call.
- Fixed rate for any type of Call.
- Use within 24 months.
- Ideal for SOHO (Small Office & Home User).

VENDOR LISTS

Customer List:

1. Hotel Lo-Mustang Pvt. Ltd., Thamel. Kathmandu
2. Hotel Ramada Pvt. Ltd.,Thamel,Kathmandu.
3. Dusit Thani Himalayan Resort , Dhulikhel
4. Terraces Resort and Spa , Lakuri Bhanjyang, Bhaktapur.
5. Hilltake Resorts & Spa, Sanga, Bhaktapur.
6. Ncell Tower Lainchor, Kathmandu.
7. Hotel Yellow Pagoda. , Kantipath, Kathmandu.
8. Hotel Sara Shree Pvt. Ltd., Lumbini.
9. Contech Pvt. Ltd, Bhatbhateni, Kathmandu
10. Hotel Serenity, Thamel, Kathmandu.
11. Hotel Cygnett Inn Krishna , Nepalgunj.
12. Hotel Himalaya Pvt. Ltd., Kupondole , Lalitpur.
13. Dondrub Guest House, Bouddha.
14. Hotel Seven Star Chitwan
15. Asian Distributors.
16. Global Trading Concern
17. Khetan Group Carlsberg Wing, Hattisar,Kathmandu.
18. Hi-Tech Engineering Pvt. Ltd., Baluwatar,Kathmandu.
19. International Committee of the Red Cross (ICRC).Baneshwor.
20. USAID Nepal/Life Line Nepal
21. Cowater International Inc. in association with PP pradhan
22. Trade Route Improvement Project
23. Nepal Bangladesh Bank
24. Vianet Communications Pvt. Ltd.
25. Allied Netlink Pvt. Ltd.
26. Nepal Sasatra Prahari Bal.
27. Curves n Colors Pvt. Ltd.
28. Boomerang Resturant
29. PJ Thapa and Co.
30. Knowledge Shop Nepal Pvt. Ltd.
31. Jana-Maitree Savings & Credit Co-Operative Pvt. Ltd.
32. Office Works Pvt. Ltd.
33. Cybernetics Pvt. Ltd.
34. Him Electronics Pvt. Ltd.
35. Biz Tele Techno Pvt. Ltd.
36. Interface Pvt. Ltd.
37. Dugar Foods and Beverages Pvt. Ltd.
38. Dugar Brothers and Sons
39. Laxmi Intercontinental Pvt. Ltd.
40. Sipradi Pvt. Ltd.
41. Khetan Group Carlsberg Wing, Hattisar,Kathmandu.

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List of Major Projects Completed:

1. LV System Design, Deployment, Project Management. Hotel Landmark
2. LV System Design, Deployment, Project Management. Hotel Crown Imperial.
3. Hotel Ramada - Supply, Installation of Cisco Active Components, UnV Surveillance System, Alcatel PABX   and Passive components.
4. Ncell Tower Lainchour- Implementation of LV system.
5. Qatar Medical and Visa Center , Call Center design, operation and handling.
6. Cybernetics Pvt. Ltd. -Smart Bus Wi-Fi system consulting, product designing and deployment.
7. Design, Supply, Installation of Enterprise Networking at Global Trading Concern.
8. Design, Supply, Installation of Enterprise Networking at Asian Distributors.
9. Design, Supply, Installation of Enterprise Networking at Dugar Foods and Beverages.
10. Design of Corporate Network-LAN/Wireless at CG Telecom.
11. IT system Design- Dondrub Guest House.
12. Supply, design, implementation of GSM Network Extender on ICRC Premises.
13. Wireless Network Infrastructure design & equipment supply, CCTV equipments supply and implementation and office equipments supply and implementation for Jana Maître Savings & Credit Co-Operative Pvt. Ltd.
14. Multi-PC system design and equipment supply and other office accessories supply such as Desktop pc, Monitors, Switch , Router for PJ Thapa and Co.
15. Supply of Nepal Telecom CDMA Skypro Dongle for USAID/Life Line Nepal.
16. Supply of Nepal Telecom CDMA Skypro Dongle for   Cowater International Inc. in association with PP Pradhan.
17. Supply of Nepal Telecom CDMA Skypro Dongle for Trade Route Improvement Project.
18. Supply of Office accessories like Hard Disk , Monitor and other Laptop accessories for Nepal Bangladesh Bank.
19. Supply and Trainings of Phicomm FIR303B Router for Vianet Communications Pvt. Ltd.
20. Supply and Trainings of Phicomm FIR303B Router for Allied Networks Pvt. Ltd.
21. Supply of CDMA Routers for Nepal Sastra Prahari Bal.
22. Installation, Design and Supply of Biometric Attendance System , Wireless IP Camera systems for Old House Café.
23. Installation and supply of Biometric attendance system for Hotel Seven Star.
24. Supply of routers and other office accessories for Office Works Pvt. Ltd.
25. Software Consultancy for mobile inventory and accounting system for Him Electronics Pvt. Ltd.
26. ISP Backbone Design, Bandwidth Management and Firewall design and implementation using Mikrotik in Allied Netlink Pvt. Ltd.
27. Supply of various Nepal Telecom Products and various IT hardwares for Biz Tele Techno Pvt. Ltd.
28. IT consultancy and call center system design for Nepal Telecom 197,191,1498 on Behalf of Cybernetics Pvt. Ltd.
29. Design, Supply, Installation of Enterprise Networking at Dugar Foods and Beverages.

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Lists of Projects under execution:

1. Hotel Lo-Mustang -LV System Supply, Installation, Configuration and Deployment –Hotel Lo-Mustang, Thamel. (FA system,PA System, PMS, Rukus Wi-Fi, Lan system,UnV Surveillance System)
2. Hilltake Resorts & SPA – LV system consulting,designing and active system implementation for the property.
3. Dhusithani Himalayan Resort and SPA - IT system consultancy, surveillance system and active IT system contract.
4. Loksewa New Building - LV System Deployment
5. Terraces Resort and Spa - IT system outsourcing

References :

1. Mr. Ramesh Hamal , Omstone Asia Capitol Nepal Pvt. Ltd. , Kupondole, Lalitpur.
2. Mr. Pratap Tuladhar, Vice President, Multisys Pte Ltd. Mobile : 9801137059
3. Mr. Sumit Ganesh , Senior IT Officer , Chaudhary Group. Mobile : 9849126708
4. Mr. Bibek Shrestha , Project Coordinator, Ramada Hotel. Mobile :984903607
5. Mr. Ananta Katel ,IT Manager, Crown Imperial. Mobile : 98003027278
6. Mr. Ravi Kiran Thapa, Project Manager, Hotel Lo-Mustang. Mobile : 9841120330
7. Mr. Ram Shakya, Owner Hotel Sara Shree. Mobile : Ram Shakya :9851055599
8. Mr. Rahul Bhatt, General Manager, Cygnett Group Krishna Inn, Mobile : 9801330031
9. Mr. Sanjeev Shrestha, IT Manager, Hotel Himalaya. Mobile : 9841483500
10. Mr. Kiran Sonar , ICT/Telecom Officer ICRC . Mobile : 9851045483
11. Mr. Prakash Jung Thapa , M.D., PJ Thapa & Co. Mobile : 9802096407
12. Mr. Naresh K. Chongbang, Manager, Jana Maitri Savings & Credit Co-Operative Ltd. Mobile : 9808222446
13. Mr. Kunjan Shrestha, M.D., Curves n Colors Pvt. Ltd. Mobile :9801042406
14. Mr. Sanyukta Bhdr Dhakhwa, M.D., Biz Tele Techno Pvt. Ltd., Mobile :9856029853
15. Mr. Rubin Rajbhadhari, M.D., Allied Netlink Pvt. Ltd.,Mobile :9851135772
16. Mr. Migendra Raj Maskey, IT Department, Siddhartha Development Bank. Mobile :9818990222
17. Mr. Om Bikram Thapa, C.T.O, Vianet Communications Pvt. Ltd. Mobile : 9851037531
18. Mr. James Nyochhen, M.D.,Cybernetics Pvt. Ltd. , Mobile: 9851033960
19. Mr. Gyanendra Mishra, C.T.O, Mercantile Communications. Mobile :9851071094
20. Mr. Ravi Pahari , IT Department, Nepal Sasastra Prahari Bal. Mobile: 9851258639
21. Mr. Anup Pandey, IT Department, Nepal Investment Bank Ltd. Mobile : 9841343013
22. Mr. Ranjan Shrestha , M.D., Old House Café, Mobile : 9851042407
23. Mr. Govind Maharjan,Finance/Admin Asistant Logistics Contract,Mobile : 9841308890
24. Mrs. Ratna Tara Bidhya , IT Manager, Nepal Bangladesh Bank. Mobile : 9851040664

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