1. ORGANIZATIONAL PROFILE

1.1 Background

Kernel International Limited (KIL) is a multi-disciplinary research, training and consulting service provider organization. It was established initially as single ownership entity in 2013 as SR Consulting International for **overseas training and consultancy management**, which has subsequently been incorporated as a private limited company with the Registrar of Joint Stock Company, Bangladesh under the companies' act (act XVIII) of 1994 and re-named as Kernel International Ltd. in April 2016.

Like the word Kernel International limited, our company is in the gist and core of any management consultancy works. KIL provide consultancy services for many different sectors such as **Training Management,** IT, Architecture and Design, Engineering, Construction, Agriculture, etc.

KIL always focuses to embark upon development projects with maximum efforts and always tries to achieve the maximum level of precision with all the projects. Resource is and always will be a very crucial fact of the foundation of the world around us. For the betterment of humanity and its proper development, KIL is operating with all its capacity to develop sustainability with all the projects - from management to design; from technology to consultancy. For the sake of a better future KIL always works to provide best solutions in Technology sections. It always attempts to provide the best visual output for any of the projects. Aesthetics hold a very important phase for the project output and it always tries best to ensure the projects maximized aesthetical value.

1.2 Mission and Objectives of the Organization

The mission of Kernel International Limited is to develop an institutional framework of excellence with a view to rendering research and consulting services to government, non-government and private sector organizations. Kernel International Limited (KIL) is committed to develop professionalism in consulting services through enhancing institutional capability and by providing experts to various development partner i.e. government agencies, NGOs, private sectors, research and financial institutions. KIL would evolve as a sustainable research institution and consultancy service providing organization in Bangladesh and abroad by providing quality services and ensuring institutional growth and sustainability.

GO GREEN is its Moto and it focuses on sustainable development in any case of consultancy services.

Major objectives of KIL include:

i)   To emerge and act as supportive consulting service providing organization and meet up and live up to expectation of the donors, government and non-government agencies by providing technical support;

ii)   To act as a platform of the professionals to enable them to offer their technical services;

iii)   To render appropriate, timely and need based support to government and development partners;

iv)   To act as a consultancy organization focused on several sectors i.e. Management Consultancy, Training/Exposure visits, Education, Design & Architecture etc.;

v)   To assist in planning and policy formulation by undertaking specific research for the government and development partners;

vi)   To provide a platform for the young newcomers in the job sector to learn and educate themselves in a practical and effective consultancy & research environment;

vii)   To assist the public & private sector organizations in decision-making process. Who are involved in implementing development agenda and to help them achieving the best output;

viii)   To provide information and necessary support services to public and private sector agencies for undertaking baseline, monitoring and pre & post evaluation studies; and

ix)   To organize workshops, seminars, conferences in order to disseminate research findings and share ideas.

1.3 Information of the Firm in a Nutshell

Name of the Company	KERNEL International Limited
Type of organization	Management Consultancy Registered under Joint Stock Companies & Firms under the companies act (act XVIII) of 1994.
Year of establishment	2013
Country of Registration	Bangladesh
Year of registration	2016
Firm Registration No.	C-130497/2016
Trade License No.	05-53245
TAX ID	631962879567
VAT Registration NO.	17041071346 ; Area Code- 170104
Tax Identification Number	266179181775; Taxes Circle- 328, Taxes Zone 15, Dhaka
Mailing Address	MK Center, 6th Floor, Block-G, House # 27, Road # 14, Niketon, Gulshan-1, Dhaka – 1212, Bangladesh
Telephone No.	+88028833371
e-mail	contact@kernelinternational.com
KIL website	www.kernelinternational.com
Management	• Md. Saleh Ahmed, Ph.D., Chairman • Engr. Md. Shamsuddoha, Managing Director • Ms.Rukhsana Noor, Director of Administration.

Organisational Profile of Kernel International Limited, Dhaka, Bangladesh

Contact Person	**Engr. Md. Shamsuddoha**,,Managing Director & CEO Kernel International Limited MK Center, 6th Floor, Block-G, House # 27, Road # 14, Niketon, Gulshan-1, Dhaka – 1212, Bangladesh Contact # +8801816338953, +8801762694455 e-mail: russ.iut03@gmail.com

1.4 Physical and Infrastructural Capacity of the Organization

1.4.1 Office Space (Area, Floor No. etc.)

The office of the Kernel International Limited is located at MK Center, 6th Floor, Block-G, House # 27, Road # 14, Niketon, Gulshan-1, Dhaka – 1212, Bangladesh in an 2800 square foot accommodation. This office space is used to accommodate administrative branch, consultants, technical and software developer, architectural work in addition to a number of project & related official staff. The office has adequate air conditioning, have appropriate water, toilet facilities and office furniture under proper security with. Additionally, separate project offices are hired as need arises.

1.4.2 Office Furniture and Equipment

Kernel International Limited is equipped with the following office furniture and equipment. In addition to the computer facilities described separately in the following pages.

Office Furniture		
Computer Table	Wooden	13
Conference Table	Wooden	2
Bookshelves	Wooden	6
Reporting Table	Wooden	3
Chairs	Wooden & Metallic	25
Office Equipment		
Modem	Prolink 300Gbps External Fax/Modem/Voice Card	1
Internet (E-mail)	www.kernelinternational.com	2
Telephone lines	ISD/NWD	2
PABX (16 lines)	Panasonic	1
Mobile Line	GSM Service	8
Photocopier Machine	Cannon	4
Overhead Projector	Sony	1
Multimedia Projector	Sony	1
Spiral Binding Machine	--	1
Laminating Machine	---	1

Kernel International Limited   *has the following survey,* **drawing & drafting equipment's:**

Survey Equipment's	
Total Station (Topcon) with Data Logger	1
Reflectors & accessories	1
EDM (Electronic Distance Measuring Equipment) fitted with Theodolite (Pentax)	1
Theodolite (Kern : DMK-2, DKMR) with accessories	2
Reflectors (3-Prism) and Accessories	2
Leveling Instruments	2
Prismatic Compass	12
Magnetic Compass	10
Measuring Chain with pins	15
Steel tape	6
Ranging Poles	24
Drawing & Drafting Equipment	
Pantograph	3
Lettering Set	6
Radiograph pen	12
Instrument Box	6
Drawing Table	6
Light Table	1
Road Curve	4
Templates	10

1.4.3   Other Logistic Facilities (Transport)

Vehicles: Office personal use management team: 1 Sedan _ Toyota Allion
Official Transport Purpose _ regular employee: 1 Toyota Hiace.

1.5 Area of Expertises

- Consultancy Services
- Research and Development
- Training Management
- Design and Architecture
- Technology Development - IT and software development.

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1.5.1 Consultancy Services

Kernel International Ltd. provides professional advisory services to various Public & Private organizations, National & International Organizations and NGOs/INGOs, Autonomous Organizations, Donor Organizations. It provides consultancy services in project appraisal study, Baseline Survey, Mid-term evaluation study, End-line survey of development project in agriculture, engineering, market development, social and infrastructure development etc.

Kernel International Ltd., has a large pool of more than 45 top quality professional consultants of home and abroad with specific expertise in a plethora of areas to serve as a partner in your business and to implement ideas. It provides consultancy services covering areas of agriculture and rural human resource development; agricultural production, post-harvest management and marketing; water resources management; livestock, fisheries; drainage and irrigation; energy and mineral resources; food safety and quality assurance; institutional development and capacity building; entrepreneurship development; supply & value chain analysis; climate change adaptation and mitigation; disaster risk management; market linkage development; information technology (IT solution and software development); inspection and auditing farm/industry; safety and quality assurance of agro-commodities; and project preparation.

KIL has a strong team for different sectors of consultancy. In here, it works for the betterment of the project outcome and full client satisfaction. Our primary focus is to ensure quality within the best time-frame.

1.5.2 Research and Development

As a private research and development (R&D) organization, the Kernel International Limited conducts research and extension services in various fields. These are as follows:

- Survey/study (policy analysis, feasibility, baseline/end-line/socio-economic survey, midterm review, need/ impact assessment, sector study, value chain analysis, case studies, monitoring and evaluation etc.);
- Generation of demand-led technologies on crops, aquaculture, livestock and agroforestry participatory action research for technology validation and packaging
- Adaptation trials on climate smart technologies;
- R & D on natural resource bases and eco-technology and transfer of technologies.
- Transfer of technologies.

1.5.3 Capacity Building & Technology Transfer

KIL conduct programs for capacity building and technology transfer in collaboration with national and international organizations. Regarding capacity building and technology transfer issue KIL:

- Organizes in-country and foreign training, Conference /Study tours

Organisational Profile of Kernel International Limited, Dhaka, Bangladesh

- Develop in-country/overseas training & exposure visits operational and implementation plans; provide required logistical arrangements (VISA, Air tickets, Hotel, Guide etc.) training and analytical report; and
- Sourcing of Universities & enrolment into long-term and short-term educational programs.

KIL, organizes training/ study tours on different sectors of interest like- Agriculture & Rural Development; Culture & Heritage; Energy, PoKILr & Mineral Resources; Housing & Public Works; Science & IT; Education; Health and Hygiene; Food Safety and Quality Assurance; Engineering; Water Resource Management; Agribusiness and Entrepreneurship Development; Sustainable Environment and Development/Climate Smart Technologies; Value Chain Development; HRM, Accounts & Finance; Product Development; Sales & Marketing; High Value Crops and Horticulture; Supply Chain Management, Project Management for Professionals (PMP); Computer Fundamentals; Organic Farming, Good Agricultural Practices (GAP), Good Manufacturing Practices, HACCP, ISO etc.; Training Module Development; Capacity Building Workshop; Training & Development (T&D) Program Design & Implementation etc.

A brief description of the training and capacity building programs are provided in the following paragraphs.

i) LOCAL TRAINING

KIL have long working experience with different ministries under the government of People's Republic of Bangladesh, Donor Agencies' funded projects, International Aid Agencies, International Consultancy Firms such as World Bank, Asian Development Bank, UNDP, Swiss Contact, Swiss Agency for Development & Cooperation, DANIDA and IFAD etc.

KIL has institutional partner agencies both in local and abroad. Our team is very professional in implementing and organizing different training events around the world.

KIL organize following types of training:

1. Short Term Training (2-5 days) in Bangladesh & abroad.
2. Short Term Courses ((7-14 days) in abroad.
3. Long Term Courses (21-28 days) in abroad.

Mode of Training:

1. Customized or Tailor made training program
2. On the Shelf or Course Calendar based training program.

Organisational Profile of Kernel International Limited, Dhaka, Bangladesh

ii) FOREIGN TRAINING & STUDY VISIT PROGRAMS

KIL have long working experience with different ministries under the Government of the People's Republic of Bangladesh, Donor Agencies' funded projects, International Aid Agencies, International Consultancy Firms such as World Bank, Asian Development Bank, UNDP, Swiss Contact, Swiss Agency for Development & Cooperation, DANIDA and IFAD etc. KIL has institutional partner agencies both in local and abroad. Our team is very professional in implementing and organizing different training events around the world.

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3. Long Term Courses (21-28 days) in abroad.

   Mode of Training:

1. Customized or Tailor made training program
2. On the Shelf or Course Calendar based training program.

III) Workshops & Conference

KIL have long working experience with different ministries under the government of People's Republic of Bangladesh, Donor Agencies' funded projects, International Aid Agencies, International Consultancy Firms such as World Bank, European Union, Asian Development Bank, UNDP, Swiss Contact, Swiss Agency for Development & Cooperation, NRI, UK, DANIDA and IFAD etc.

KIL have institutional partner agencies both in local and abroad. Our team is very professional in implementing and organizing different training events around the world. KIL organize/collaborate different types of national and internal Workshops & Conference

1.5.4 Design and Architecture

Some major expertise in design and architecture sector of Kernel International Ltd. includes-Expert home designs and collaborative design consultation Give advice on all aspects of the building process-design and drawing, planning, finding a builder, budget and costing, building regulation issues etc. Ensure compliance with all relevant laws and regulations providing the client with clear instructions and guidance when required

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1.5.5 Technologies- IT and Software Development

- IT consulting service help competitive development providing framework to simplify product architecture components, reduce development and sustenance cost support
- Integrated of engineering tools into workflow management to improve defect tracking and cut wastages
- Virtualization tools to cut underutilization of lab resources significantly, while reducing overhead costs
- Readily available resources for quick ramp-up to ensure productivity
- Provide &design IT based technologies & management development.

KIL always looks for the best output in any case scenario. Our team's key focus is on the ultimate quality and timeframe maintenance. Our major objectives include:

- To emerge and act as supportive consulting service providing organization and meet up and live up to expectation of the donors, gove rnment and non-government agencies by providing technical support;
- To act as a platform of the professionals to enable them to offer their technical services;
- To render appropriate, timely and need based support to government and development partners;
- To act as a consultancy organization focused on several sectors i.e. Management Consultancy, Training, Education, Design & Architecture etc.
- To assist in planning and policy formulation by undertaking specific research for the government and development partners.
- To provide a platform for the young newcomers in the job sector to learn and educate them/selves in a practical and effective consultancy & research environment;
- To assist the public & private sector organizations in decision-making process which are involved in implementing development agenda and to help them achieving the best output;
- To provide information and necessary support services to public and private sector agencies for undertaking baseline, monitoring and pre & post evaluation studies; and
- To organize workshops, seminars, conferences in order to disseminate research findings and share ideas.
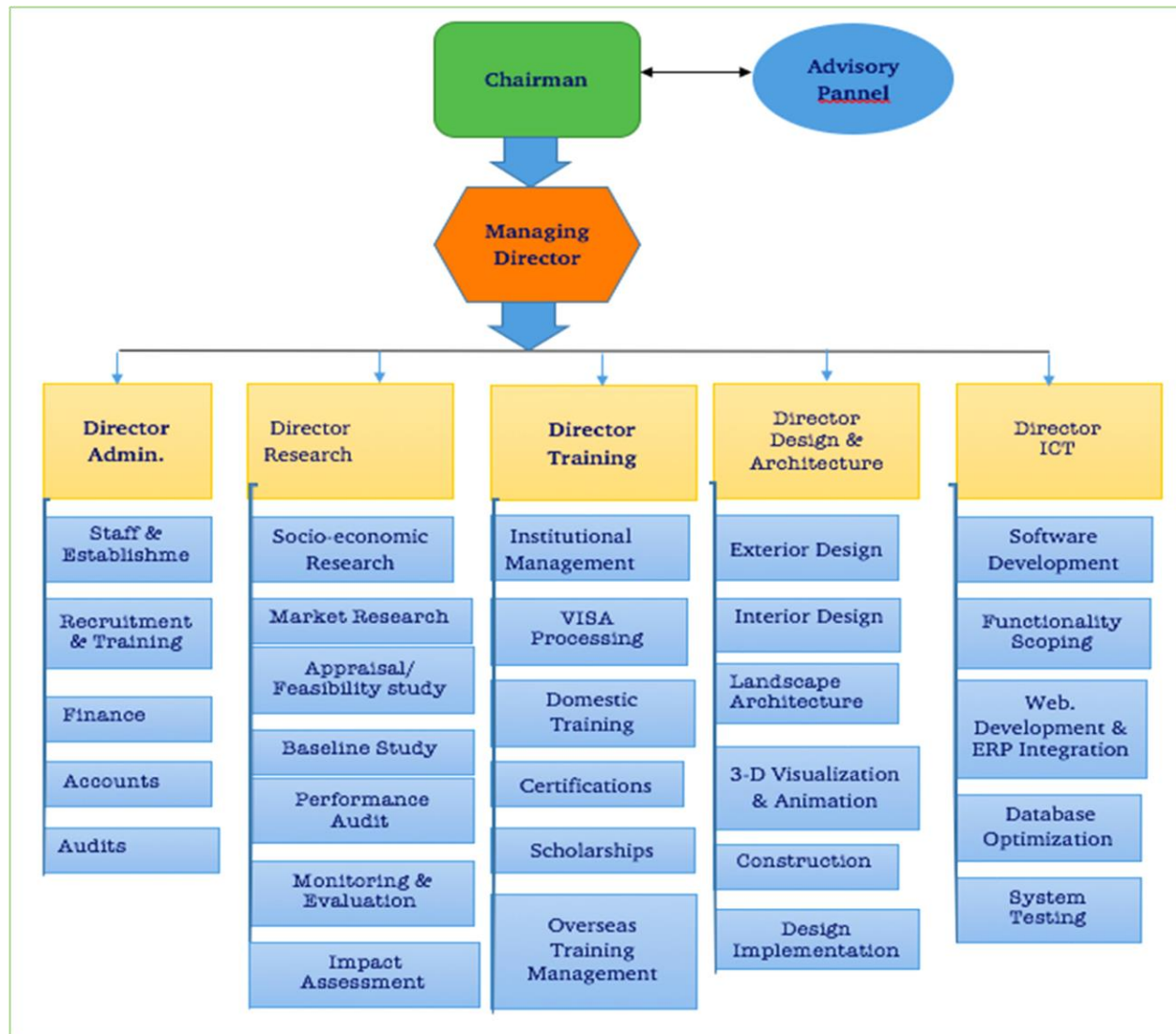
1.6 Organizational Management

KIL is staffed by eminent, experienced and qualified professionals and implements its programs and projects through its own team of qualified and experienced professionals.

In terms of man power, at present Kernel has 45 multi- disciplinary senior, mid-level and junior full time professionals and 12 support staffs in its pay roll. The professional staff of Kernel comprises Project Management and Quality Assurance Experts, Agriculturist, Irrigation Specialists, Hydrologists, Community & Institutional Development Specialists, Financial Analysts, Sociologists, Economists, Socio-economists, Environmentalists, Architects, Engineers

Organisational Profile of Kernel International Limited, Dhaka, Bangladesh

of various disciplines and Planners, etc. Besides, Kernel has established networks with external professionals and specialized organizations at home and abroad; and maintains a computerized roster of more than 50 potential short and long-term senior consultants and professionals in various disciplines who are highly qualified and skilled with in-depth knowledge in their respective field.

Organizational Profile of Kernel International Limited

Organisational Profile of Kernel International Limited, Dhaka, Bangladesh

1.7 Professional Strength

KIL has its own/in-house skilled professionals who are competent enough to provide any sort of services associated with the firms' activities. KIL also keeps contact with the qualified and experienced professionals in the country and abroad to successfully complete any assignment. The numbers of professionals of both in-house and in-contact are shown below:

Sl. No	Field of Expertise / Competence	Number of staff
A. Professionals for IT services		
1.	Software Engineer / Database Programmer	05
2.	System Analyst & Networking Specialist	05
3.	MIS Specialist	03
B. Professionals for Planning/Engineering Services		
4.	Civil Engineer	05
5.	Water Resources Engineer	04
6.	Environmentalist	05
C. Social/Community Development Services		
7.	Economist/Socio-Economist	05
8.	Economic & System Management Specialist	02
9.	Project Planning and monitoring Specialist	02
10.	Agricultural Extension Specialist	04
11.	Social Survey and Rapid Appraisal Specialist	04
12.	Community Survey Specialist	03
13.	Financial Management Specialist	03
14.	Sociologist	04
15.	Community Development Specialist	04
16.	Health/Hygiene/promotion/Education consultant/Nutritionist	03
17.	Institution / Management specialist	03
D. Professionals for Agro-based Services		
18.	System Analyst & Networking Specialist	05
19.	Data Entry Operator	5
20.	KIL Page Developer	02
21.	MIS Specialist	03

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Sl. No	Field of Expertise / Competence	Number of staff
E. Professionals for Planning/Engineering Services		
22.	Civil Engineer	05
23.	Water Resources Engineer	04
24.	Environmentalist	05
25.	Field Surveyor	12
26.	Statistician	02
27.	Project Monitoring & Evaluation Expert	03
F. Professionals for Agro-based Services		
28.	Agronomist	05
29.	Horticulturist	03
30.	Agro-Forestry Specialist	02
31.	Soil Scientists	03
32.	Fisheries Expert	04
33.	Livestock Specialist/Poultry Specialist	04
34.	Agriculture Economist	03
35.	Value Chain Specialists	04
36.	Agribusiness and postharvest specialist	02
37.	Irrigation & Water management specialist	03
38.	Agriculture Machinery & Postharvest Process Engineering	02
39.	Climate Change and Environment Management Specialist	04
40.	Food Security Specialist	04

1.8 Management Structure

The overall management of Kernel International Limited rests on a Board of Management. All the three Directors under Board of Management are qualified and have proven experience with high level of management capabilities. The management is familiar with the relevant development sectors of national and international levels. The Board of Management convenes regularly to discuss policy issues, project management and future course of activities. Moreover, each and every Director meets regularly with the senior division professionals in order to identify and remove bottlenecks of the department and discuss status of different on-going projects and other relevant issues.

KIL management provides backstopping services to the projects including Quality Assurance, Contractual Negotiations, Financial Management, Travel/Medical, Database Development, Project Accounting, Report Production, etc. In addition to that a fully developed Management Information System (MIS) is functional to generate and provide required management information like status of ongoing projects, developing projects, staff resources, inventories of documents, CVs, etc. The MIS is continuously updated to meet the management requirement and to facilitate decision-making.

Organisational Profile of Kernel International Limited, Dhaka, Bangladesh

1.8.1   Human Resources of Kernel International Ltd. (as on June, 2022)

Sl. No.	Name of the Employee	Designation	Educational Qualification	Years of Experience
1.	Md. Saleh Ahmed	Advisor	M.Sc.(Ag), Ph.D.	40 years
2.	Engr. Md. Shamsuddoha	Managing Director & CEO	B.Sc. in C.Sc. & IT	12 years
3.	Rukhsana Noor	Director	MBA	12 years
4.	Mia Abdur Rashid	Director (Program)	B.Sc.Ag (Hon's), BAU; M.S. (Horticulture)	40 years
5.	Salma Sultana	HR	MBA	10 Years
6.	Aminul Islam	Head of Program	M.Sc.(Ag), Ph.D.	10 Years
7.	Mostak Ahmed	Head of Research	M.Sc.(Ag), Ph.D.	10 Years
8.	Samson Rajib Das	Senior Design Consultant	B.Arch	10 Years
9.	Kazi Zubaer Hossain	Senior Program Manager	MBA	10 Years
10.	Atiqur Rahman	Program Manager	Masters of Economics	10 Years
11.	Mazhar Mehedi	Program Manager	MBA	10 Years
12.	Mazhar Rahat	Assistant Program Manager	MBA	10 Years
13.	Pulin Chandra Roy	Assistant Program Manager	MBA	8 Years
14.	Md. Rubel Hossain	Assistant Program Officer	Diploma in Civil Engineering	4 Years
15.	Mehedi Hasan Masud	Jr. Engineer	B.Sc (ECE)	4 Years
16.	Hasbullah Sohan	Jr. Engineer	B.Sc (ECE)	4 Years
17.	Habib Khan Toha	Project Manager	Masters of Development Studies	4 Years
18.	Mohaimin Rahman	Jr. Engineer	B.Sc (ECE)	4 Years
19.	Zahid Hossain	Jr. Engineer	B.Sc (ECE)	4 Years
20.	Md. Rajib Ahmed	Manager (Planning & Dev.)	BBA (Major-Marketing)	4 Years
21.	Md. Nur Mafe Alam Shah	Manager (Accounts & Finance)	M. Com (Accounting), CMA(Continuing)	4 Years

Organisational Profile of Kernel International Limited, Dhaka, Bangladesh

Sl. No.	Name of the Employee	Designation	Educational Qualification	Years of Experience
22.	Gahan Afroz	Executive (Accounts & Finance)	MBA (Finance & Banking)	3 Years
23.	Tashrif Hasan	Social Media Specialist	Diploma in CSE	5 years
24.	Sawpon Hossen	Logistic Support	HSC	8 years
25.	Tofayel Hossain	Logistic Support	HSC	8 years

1.9. Clients of Kernel International Ltd.

KIL has provided and is still providing quality services to its valued clients at home and abroad. Major client organizations of the Firm are:

1.9.1 Clients at Home

1. Ministry of Agriculture	12. Bangladesh Water Development Board
2. Ministry of Fisheries and Livestock	13. Engineering Department Local Government
3. Ministry of Power, Energy and Mineral Resources	14. Palli Karma Sahayak Foundation (PKSF)
4. Ministry of Cultural Affairs	15. Department of Agricultural Extension
5. Ministry of Women and Child Affairs	16. Bangladesh Agricultural Research Institute
6. Ministry of LGRD and Cooperatives	17. National Agricultural Training Academy
7. Ministry of Water Resources	18. Seed Certification Agency (SCA)
8. Ministry of Youth and Sports Development	19. Department of Livestock Services (DLS)
9. Ministry of Commerce	20. Katalyst
10. Ministry of Social Affairs	21. Implementation, Monitoring and Evaluation Division, Ministry of Planning.
11. Ministry of Education	

1.9.2 International Organizations

1) The World Bank	6) Islamic Development Bank
2) Asia Development Bank (ADB)	7) UNDP
3) Food and Agriculture Organization of UN	8) Islamic Development Bank
4) SWISS Contact	9) European Union (EU)
5) Royal Netherland Embassy	

Organisational Profile of Kernel International Limited, Dhaka, Bangladesh

1.10 KIL's Long Term and/or Framework Agreements with Government, Bilateral or Multilateral Agencies

The Kernel International Limited has long term agreements with other government and autonomous bilateral and multi-lateral agencies all over the world. The bilateral and multi-lateral agreements are provided below:

1. **Amity University and its Institutions, UP, India**. The purpose is to work together in the following areas:
   - To facilitate transfer of technologies, capacity building and women empowerment;
   - Training of scientists and government officials from Bangladesh at Amity University, UP, India
   - Promotion of Bangladeshi students to study at Amity University
   - Joint implementation of research and development projects
   - Assist to organize study/exposure visits; and
   - Any other areas of mutual interests.

2. **Udayana Community Development Program**, the Institution of Research and Community Services, Udayana University, Bali, Indonesia. The purpose is to:
   - Organizing Workshops, Study Tour/ Exposure Visits to Indonesia
   - Implementing short training courses for Bangladeshi Officials and students in Indonesia on advanced technologies on high value crop production, market linkage development, and supply chain management.

3. **Sub-Institute of Agricultural Engineering & Postharvest Technology (SIAEP), Ho Chi Min city, Vietnam.** The purpose of the bilateral agreement is to:

   - Jointly organize Workshops, Short Courses and Study Tour/ Exposure Visits to South Vietnam on advanced technology and best practices for high value crop production, processing and supply chain management
   - Working together to implement development projects for both Bangladesh and Vietnam
   - Exchange of technologies and improved planting materials between Bangladesh and Vietnam

4. **Participatory Rural Development Initiative Society (PRDIS), Telegana, India.** Is a reputed National level development organization and a network umbrella organization, specialized in the area of agriculture development (Agriculture Extension and Agribusiness) and NRM. **Kernel International Ltd. Bangladesh,** made partnership with the PRDIS to organize overseas training and exposure visits for the officers of Agriculture and allied organizations to share experience with their counterparts in India and gain knowledge in agriculture research, extension techniques and development efforts.

5. **Holland Door Cooperative U.A., initiated** a partnership with **Kernel International Limited, Bangladesh in** 2018 for organizing study program of officials of Bangladesh in

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Holland. This also strengthened bilateral relations between Bangladesh and Dutch Agribusiness and supporting eco-system of facilitators.

6. **The National Resources Institute (NRI) of the University of Greenwich, UK.**

NRI, signed a Memorandum of Understanding with **Kernel International Ltd., Bangladesh** to organize overseas training program/study tour or /and exposure visits for officials of Bangladesh under CDAIS project: Pineapple Cluster exposure visits to Kerala, India and Mango Cluster exposure visits in Thailand.

6. **The Executive Centre for Development Programs (ECDP), Kasetsart University, Bangkok** under its office of Extension and Training at Kampaengsen, Kasetsart Univiversity, Bangkok, Thailand, signed collaboration agreement for successful program organization for Bangladesh officials in agricultural research, development and extension management and organized more than 20 events in Thailand.

8. **Partnership Agreement** between Kernel International Ltd., Bangladesh and **Institute of Productivity (IoP), United Kingdom** for the purpose of setting partnership arrangement between them to deliver certified training courses designed to add value and improved performance and productivity.

Organisational Profile of Kernel International Limited, Dhaka, Bangladesh

2. EXPERIENCE OF THE FIRM

2.1 General Experience

Since its establishment, the then SR Consultants International Limited later on transformed into Kernel International Limited has accomplished more than one hundred and fifty assignments with complete satisfaction of its clients and made an outstanding record of quality work in various sectors including agriculture. The notable ones are Impact/Evaluation Studies, Feasibility Assessment, Monitoring and Evaluation Studies, Socio-Economic Studies, Environmental Impact Assessment (EIA), Interior decoration, building designing, constructions, etc.

2.1.1 Experience in Software Development and Digital Structure Installation

SL	Name of Assignment	Executing Agency	Period of Work
1.	Installation of 10 nos. of Electronic Display Board (6′X4′) solution with web based admin. Panel, under Installation of Electronic Display Board for Online Price Monitoring Program	Department of Agricultural Marketing (DAM), Khamarbari, Dhaka	2019-20
2.	Development of Web based solution for mobility average rainfall data by district and division at central dashboard	Agro-Meteorological Information System Development Project (Component-C of BWCSRP) Department of Agricultural Extension, Khamarbari, Farmgate , Dhaka-1215, Ministry of Agriculture, GoB.	2020
3.	Development and of supplying of " agro meteorological software (an interactive and dynamic mobile and web-based application for disseminating Agro-meteorological advisory information, mobilizing feedback ffrom farmer including real-time climatic harsh events reporting from DAE Officials through mobile devices)"	Agro-Meteorological Information System Development Project (Component-C of BWCSRP) Department of Agricultural Extension, Khamarbari, Farmgate , Dhaka-1215, Ministry of Agriculture, GoB	2020
4.	Development of Information System Upgradation (Software for display boards), under Installation of Electronic Display Board for Online Price Monitoring Program	Department of Agricultural Marketing (DAM), Khamarbari, Dhaka	2019-20

Organisational Profile of Kernel International Limited, Dhaka, Bangladesh

SL	Name of Assignment	Executing Agency	Period of Work
5.	Installation of 50 nos. of Electronic Display Board (6′X4′) solution with web based admin. Panel, under Installation of Electronic Display Board for Online Price Monitoring Program	Department of Agricultural Marketing (DAM), Khamarbari, Dhaka	2018-19
6.	Supply of a Server including installation, testing, & provide networking services under Installation of Electronic Display Board for Online Price Monitoring Program	Department of Agricultural Marketing (DAM), Khamarbari, Dhaka	2018-19
7.	Supply of 50 Units digital display board with different accessories and software solution (web and mobile based application for disseminating information).	MONARCH ENGINEERS 36, Purana Paltan, 3rd Floor, Dhaka-1000, Bangladesh.	2018-19
8.	Installation of 10 nos. of Electronic Display Board (6′X4′) solution with web based admin. Panel, under Installation of Electronic Display Board for Online Price Monitoring Program	Department of Agricultural Marketing (DAM), Khamarbari, Dhaka	2017-18
9.	Delivery and Installation of furniture, computer, scanner, printer, projector, digital banner, power backup items in Office.	Overseas Links Ltd. 1 Ka, TCB Bhaban (Ground Floor), Karwan Bazar, Dhaka-1215	2017-18

Organisational Profile of Kernel International Limited, Dhaka, Bangladesh

2.1.2 Experience of Kernel in Consultancy Services/Project implementation

SL	Name of Assignment	Executing Agency	Period of Work	Location of Work	Total value of work
1.	Digital Tools promotion activities in Bangladesh.	Center for Agriculture and Bio Science International	Mar – May, 2023	UK	6,94,000 BDT
2.	Feasibility Study for Selection of Consulting Firm for Project Feasibility Study, Chattogram Regional Integrated Agricultural Development Project	Department of Agricultural Extension, Ministry of Agriculture	Oct – Nov, 2023	Dhaka, Bangladesh	2,00,000 BDT
3.	Feasibility study on Establishment of BFSA (Bangladesh Food Safety Authority) Reference Laboratories, Accreditation Head Quarter and Training Complex.	Bangladesh Food Safety Authority (BFSA), Ministry of Food, GoB.	March - June, 2023	Dhaka, Bangladesh	38,50,000 BDT
4.	Conduct a Pest Risk Analysis of Citrus Medicus (Zara/Colombo Varieties of limes. These services are required for the Bangladesh Trade Facilitation Project (BTF), which is funded by the United States Department of Agriculture (USDA) under Cooperative Agreement No. FCC- 388 2020/003-00 for assistance in Bangladesh. The goal of BTF is to make the import and export of agricultural goods more efficient.	Land O'Lakes Venture37 (Venture37)/USDA	March – June, 2023	Dhaka, Bangladesh	
5.	Feasibility Study of "Establishment of Bungalow for Director General (DG) and Quarters for Director and Additional Director, DAE in Dhaka Project	Up gradation of Plant Quarantine Laboratory at Central Packing House to International Standard Project, Department of Agricultural Extension, Ministry of Agriculture.	March – June, 2023	Dhaka, Bangladesh	7,98,000 BDT
6.	Feasibility Study of "Establishment of 211 Farmers Training Centres at Upazila Level for Transfer of Modern Agricultural Technology Project"	Farmers Training at the Upazila Level for Transfer of Technology (3rd Phase Project) Department of Agricultural Extension, Ministry of Agriculture.	March – June, 2023	Dhaka, Bangladesh	6,98,000 BDT

Organisational Profile of Kernel International Limited, Dhaka, Bangladesh

SL	Name of Assignment	Executing Agency	Period of Work	Location of Work	Total value of work
7.	Pest Risk Analysis (PRA) of Mango and Preparation of GAP Guidelines for Mango in Bangladesh.	Exportable Mango Production Project (EMAP), Department of Agricultural Extension, Ministry of Agriculture.	March- June, 2023	Dhaka, Bangladesh	
8.	Developing Product Profile of Five (05) Mango Varieties.	Exportable Mango Production Project (EMAP), Department of Agricultural Extension, Ministry of Agriculture.	March- June, 2023	Dhaka, Bangladesh	15,00,000 BDT
9.	Bangladesh Codex Capacity Assessment	GCI International Inc. Canada	January- March,2023	Dhaka, Bangladesh	
10.	Collaboration in implementing a Project (CBA2018-FP03) on "Building capacity to enhance farmer's capabilities to address the challenges of climate change using Climate Smart Agriculture strategies" as collaborator; Led by the Amity University implemented in India, Bangladesh, Australia and Afghanistan funded by Asia Pacific Network on Global Research (APN), Japan.	Amity University, Noida, UP, India Collaborators: - Kernel International Ltd., (Bangladesh) - The University of Western Australia - Kabul University,	July,2019- Aug, 2022	India	
11.	Feasibility study on Export income enhancement through safe fruit production and post-harvest management with Vapor heat treatment (VHT) machine in the mango and litchi producing districts of Bangladesh project.	Under Planning, Project Implementation and ICT Wing, Department of Agricultural Extension, Ministry of Agriculture, Bangladesh.	February to March, 2022	Dhaka, Bangladesh	

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SL	Name of Assignment	Executing Agency	Period of Work	Location of Work	Total value of work
12.	Development of Training Module on Facilitation for Development Under Bangladesh Agricultural Extension Network	Executed by the Chairman, Kernel under Bangladesh Agricultural Extension Network (BAEN) supported by AESA & GFRAS.	Oct-Dec, 2020	Dhaka, Bangladesh	
13.	Development of Design and Bill of Qualities for interactive Smart Class Room, Interactive Virtual Class Room (IVCR), Multipurpose Digital Class Room, Conference Room, ICT Lab, Honors and Masters Class Room, Teachers' Lounge/Common Room, Wash Room etc.	College Education Development Project, Jointly funded by the Ministry of Education, Bangladesh and World bank	Nov 2019-April 2020	Dhaka, Bangladesh	9,88,000 BDT
14.	Building capacity to enhance farmer's capabilities to address the challenges of climate change using Climate Smart Agriculture strategies Project (CBA2018-FP03); Implemented in India, Bangladesh, Australia and Afghanistan funded by Asia Pacific Network on Global Research (APN), Japan.	Amity University, Noida, UP, India	July, 2019 - Dec, 2022	Noida, UP, India	