

GHULAM HUSSAIN & SONS

Since 1965

Resource Management for
Sustainable Development



Working for a Sustainable Tomorrow



Responsive.Proactive

www.ghsswm.com / info@ghsswm.com

CEO'S MESSAGE

Waste management has become one of the biggest challenges to sustainability of cities in Pakistan where erstwhile green urban spaces are rapidly turning grey, thanks to the heaps of garbage produced by an ever-affluent middle class. This is negatively affecting not only the productivity of cities but also the resilience of the people against the chronic and emerging health issues.

The plethora of challenges needs equal and innovative response, for which the public utilities and municipalities are least prepared due to their lack of capacity and paucity of funds. Here is where GHS comes in to fill the gap. With our glorious record of providing end-to-end waste management solutions for more than four decades, we envision to create clean, green and prosperous cities based on the latest circular economy principles.

Being an indigenous enterprise, GHS takes pride in understanding the local culture and issues like no one else, which we incorporate in our working environment with dexterous ingenuity and highest of professionalism. With our modern fleet of vehicles and trained workforce, strategic workflow and smart new technologies, we frankly boast of providing the quality waste management services at national and community levels.

In our quest to provide cost effective waste management solutions and quality services to the corporate sector, communities and government alike, we never forget the holiest eco-principles or leave the social obligations behind. Further to this, we zealously aim to achieve the net zero targets for our operations by 2030 in the spirit of UN SDGs.

We acknowledge that our much cherished zero waste philosophy needs strong and committed partners in implementation to achieve its aims and objectives. Therefore, we continue to seek the earnest companionship of progressive entities like yours on the road to sustainability, a road still less taken.



MISSION, VISION & CORE VALUES

- Innovation
- Strategy
- Commitment
- Punctuality
- Reliability
- Integrity
- Teamwork
- Quality
- Transparency



Our mission is to be highly adaptive and willing to add in new capacities if the customer or the situation requires it. So let our professional staff know your needs.

Our vision is to take care of all your waste management needs, at the same time, to recognize and appreciate that our customers want easy, cost effective and environmental friendly solutions to their waste management problems.

INTRODUCTION

Ghullam Hussain & Sons, is well established registered firm, with having a vast experience of over 50 years in Waste Management Services in Pakistan. Being the pioneer of bringing the concept of house to house collection through compactors, realizes the need to places that are hygienic and environment friendly. With having a work force of over 1000, and specialized owned fleet over 100 vehicles, is fully abreast with the latest developments/techniques introduced for execution of Waste Management and Janitorial Services in a scientific and professional manner.

Through its long-term commitment with local governments, the company is emphasizing on a strategy, in the best professional way. Covers the entire scene of all activities household and industrial waste (transfer, sorting and land filling) to street cleaning which can suit our local conditions.

With the demand for better waste management and janitorial services increasing day by day in Pakistan, has employed state of the art machinery that includes compactors, Mechanical Sweepers, Tow Sweepers, Vacuum Suction Sweepers, Dumpers, Loaders, Tractor Trolleys, Floor Polishers, Floor Washing Machines and last but not the least Window Cleaning Lifts.

Ghullam Hussain & Sons is the only company in this business who has working experience of such activities in Pakistan. Our approach is to listen to its customers and adopt its services to market requirements, we find ourselves in a better position to evaluate and pin point the technical and financial know how.

OUR CLIENTS

Mayo Garden Lahore
Pakistan Railways
City District Government Karachi
Defence Housing Authority Karachi
Pakistan Airlines
Kharian Cantonment Board
Walton Cantonment Board
Lahore Cantonment Board
Capital Development Authority, Islamabad
Chaklala Cantonment Board
Rawalpindi Cantonment Board
Bank Alfalah
Data Darbar Complex
Fortress Stadium Lahore
Lahore Stock Exchange
Allied Bank
World Bank
Mayo Hospital Lahore
Jinnah Hospital Lahore
Pakistan Kidney & Liver Institute
Local Government & Community Development Department, Government of Punjab
Pakistan Ordinance Factories, Wah Cantt
Lahore Waste Management Company
Clifton Cantonment Board, Karachi
Faisal Cantonment Board Karachi
Defence Housing Authority Lahore
Telenor Pakistan
Muslim Commercial Bank, Lahore
Bhikki Power Plant, Sheikhpura
Multiprofessional Housing Authority E/11 Islamabad
Sui Northern Gas Pipelines Limited

OUR REGISTRATIONS & CERTIFICATE'S

PRA PUNJAB REVENUE AUTHORITY
GATEWAY TO DEVELOPMENT

Date: 05-06-2021
Time: 11:47:58

PNTN 3399183-9 Category: ACP

Name: GHULAM HUSSAIN & SONS

Business Name: GHULAM HUSSAIN & SONS

CNIC/Reg No: 1035/20072008

Address: 35-B, ZAFAR ALI ROAD, GULBERG-V, LAHORE

Block/Sector/Road: GULBERG-V City: LAHORE

Service Category: OTHER SERVICES_9999_B000

Date of Registration: 10/25/2013 12:00:00 AM

Operational Status at PRA: Active

INDIVIDUAL MEMBER

ISWA
International Solid Waste Association

Waseem Akhtar Butt

Member Number: 20-1440

EXCISE TAXATION & NARCOTICS CONTROL DEPARTMENT
PROFESSIONAL TAX LAHORE

DATE: 11-07-2021
NO: 17

CLEARANCE CERTIFICATE

This is to certify that M/s: GHULAM HUSSAIN & SONS
has paid professional tax Rs. 4000/- on 11-07-2021 for the year 2021-2022
in the category of: SERVICE CONTRACTOR

This certificate is valid up to: 30-06-2022.

Serial No. 498E81
PEC-11

PAKISTAN ENGINEERING COUNCIL
Licence No: 14741 Category: C4 Validity: 30 June, 2021
LICENCE OF PAKISTANI CONSTRUCTOR/OPERATOR
(Under the bye-laws of Pakistan Engineering Council 1987)

This is to certify that M/s GHULAM HUSSAIN & SONS (Licencee), with its registered office at 35-B, ZAFAR ALI ROAD, GULBERG-V, LAHORE, has been licensed under Construction and Operation of Engineering Works Bye-laws 1987, with the validity date to construct various engineering works, the construction capital size of which does not exceed Rs. 300 (THOUSAND) rupees provided the licencee fulfill all the qualification requirements prescribed by Council of Engineer for a particular engineering work; and subject to the licencee conforming to fulfill all the requirements of the bye-laws.

Field of Specialization: N/A (General Checked once only) - (ONE ONLY) (Specialization, Code No. for detail see account)

Date of Issue: Feb 16, 2021 (Lahore)

FBR Federal Board of Revenue
TAXPAYER REGISTRATION CERTIFICATE 103-10 ORIGINAL

NTN: 3399183-9
Category: ACP
Status: 02/05/2017
Reg. File No: 1333007008 Reg. File Date: 25-SEP-2017
Name: GHULAM HUSSAIN & SONS
Address: 35-B, ZAFAR ALI ROAD, GULBERG-V, LAHORE, DISTRICT LAHORE, PUNJAB

Principal Activity: OTHER PERSONAL SERVICE ACTIVITIES & I.C.

Registered for: Income Tax

Representative's Name: GHULAM HUSSAIN & SONS
Email Address: GHS@PRAONLINE.COM.PK
Tax Office: RTO LAHORE

Business Name: GHULAM HUSSAIN & SONS
35-B, ZAFAR ALI ROAD, GULBERG-V, LAHORE, LAHORE PUNJAB

Certificate Of Registration
Awarded to: GHULAM HUSSAIN & SONS

35-B, ZAFAR ALI ROAD, GULBERG-V, LAHORE

Quality Registrar Systems certify that the management system of the above organization has been audited and found to be in compliance with the QRS requirements for registration of the management system standard detailed below:

ISO 14001:2015
Environmental Management Systems
Scope of work: SOLID WASTE MANAGEMENT, JANITORIAL SERVICES, HOSPITALITY SERVICES, MANPOWER SUPPLY, ENVIRONMENTAL CONSULTANCY, CONSTRUCTION AND ALLIED SERVICES

EA 35
Certificate No: AQP-30205
Originally Registered: 12 JUN 2017
Latest issue: 05 JUN 2021
Valid up-to: 11 JUNE 2022

Certificate Of Registration
Awarded to: GHULAM HUSSAIN & SONS

35-B, ZAFAR ALI ROAD, GULBERG-V, LAHORE

Quality Registrar Systems certify that the management system of the above organization has been audited and found to be in compliance with the QRS requirements for registration of the management system standard detailed below:

ISO 45001:2018
Occupational Health and Safety Management Systems
Scope of work: SOLID WASTE MANAGEMENT, JANITORIAL SERVICES, HOSPITALITY SERVICES, MANPOWER SUPPLY, ENVIRONMENTAL CONSULTANCY, CONSTRUCTION AND ALLIED SERVICES

EA 35
Certificate No: AQP-30205
Originally Registered: 12 JUN 2017
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Certificate Of Registration
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Quality Registrar Systems certify that the management system of the above organization has been audited and found to be in compliance with the QRS requirements for registration of the management system standard detailed below:

ISO 9001:2015
Quality Management Systems
Scope of work: SOLID WASTE MANAGEMENT, JANITORIAL SERVICES, HOSPITALITY SERVICES, MANPOWER SUPPLY, ENVIRONMENTAL CONSULTANCY, CONSTRUCTION AND ALLIED SERVICES

EA 35
Certificate No: AQP-10550
Originally Registered: 12 JUN 2017
Latest issue: 05 JUN 2021
Valid up-to: 11 JUNE 2022

OUR EXPERTISE

A- SOLID WASTE
MANAGEMENT



B- JANITORIAL
& HOUSEKEEPING
SERVICES



C- WASTE
TREATMENT &
DISPOSAL



D- SANITATION
& SEWAGE
MANAGEMENT



E- SUSTAINABILITY
& PERFORMANCE
MANAGEMENT



F- ASSET
MANAGEMENT &
MAINTENANCE



G- MY WASTE
APP



H- HOUSING SOCIETY
MANAGEMENT
SERVICES



I- ENVIRONMENTAL
AWARENESS
PROGRAM



J- TREE
PLANTATION
PROGRAM



K- GREEN OFFICE
& GREEN SCHOOL
PROGRAM



L- CONSULTANCY
SERVICES



A- GHS SOLID WASTE MANAGEMENT DIVISION

GHS believes that the solid waste service business is a local business managed by professionals living and working in the communities we serve. We strive to provide service excellence for those communities that place their trust in our company and are always dedicated to putting our customers first. We look to technology and growth to help our customers and employees "Connect with the Future".

We have the resources to meet every customer's needs in a cost effective and environmentally compatible manner.

We understand the markets, the philosophy and the unique needs of the customers we serve whether they be government, semi government, industrial and commercial clients.

No matter what kind of waste you need to manage, GHS offers a safe and economical waste management solution. We specialize in the following waste types:

- Municipal solid waste (MSW)
- Hazardous and Non-hazardous Wastes
- Construction & Demolition Debris (CDL)
- Chemical Waste
- Bio Solids
- Agricultural waste
- Industrial Wastes/Sludges
- Large Volume Environmental Soils Cleanup
- Petroleum Contaminated Soils (PCS)
- Off-spec Chemical Products
- Medical or Clinical waste



GHS SOLID WASTE MANAGEMENT DIVISION

GHS offers front load service to all types of commercial customers. We provide safe, clean, environmentally sound waste collection and removal services utilizing:

- State-of-the-art technology in equipment and collection practices
- Professionally trained and certified drivers with an outstanding safety record
- Professional waste audits to determine the best solutions
- Wide variety of containers, compactors and specialized waste systems

Our goal is to accommodate your needs and manage your waste stream.

GHS can provide

- Creative solutions that utilize the latest available technology
- In-plant services
- Clean, efficient, safe services
- Environmentally sound systems

GHS offers you knowledge, expertise, and the appropriate equipment to help you manage your company's waste stream in a clean, efficient, cost-effective manner

Waste Management

GHS provides waste management service to thousands of customers. We offer a full range of residential services including:

- Sweeping of roads
- Door to door collection of garbage and solid waste by compactors
- Cleaning of dustbins
- Bulky item collection
- White goods collection
- Cleaning of open plots
- Debris removal
- Environmental awareness activities
- Zero waste event management
- Waste recycling facilities
- Biogas through waste
- Waste to energy project



B- GHS JANITORIAL SERVICES DIVISION

GHS proudly provides its customers with unique, quality focused commercial janitorial service that is unparalleled in the industry today. Specializing in multi-use facilities, our comprehensive experience in the commercial field brings an extensive understanding of your property and its needs.

GHS meets all your janitorial needs through competitive pricing and quality workmanship, manner.

Professionally

Our own dedication to excellence is your assurance that every area, every item, every piece in your work environment will be thoroughly and regularly cleaned as it should be. We know that cleanliness adds to product life... to office image... even to worker's morale. This is why we check on everything you want done and then see our personnel exactly do that.

In addition to our contract janitorial service, we also offer these services:

- Parking Lot Sweeping
- Pest Control
- Carpet Cleaning with Portable Equipment
- Fabric Partition Cleaning
- Window Cleaning
- Floor Stripping and Waxing
- Disaster Clean Up
- Light Bulb Maintenance
- Emergency Service
- Venetian Blinds Cleaning
- Janitor Training
- Marble Floor Maintenance
- Consulting Services
- Paper Products and Restroom

Toilet & Washroom Hygiene

Surface cleanliness is one thing, however, we insist on regular deep cleansing and sanitizing to maintain fresh and hygienically safe bowls, urinals, bends and traps etc. Our quality control systems also ensure renewal of faulty plugs, chains and other essential items.



MANAGEMENT & STAFF

Our janitorial teams, managers and team leaders participate in classroom training to develop the skill of "seeing through the customer's eyes". employees receive on-site training specific to the needs of each customer, and are coached on a continuous basis. Our employees are trained to share high quality standards and are encouraged to participate in problem solving and special needs assessments.



Project Managers: These important managers cover the building or the job portion that is divided by area. They have primary responsibility for the total cleaning job within their jurisdiction.



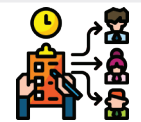
Supervisors: They are responsible to assure that your cleaning schedule is kept up exactly as ordered and specified. Critical areas are critically evaluated constantly. It is their goal to end up with ZERO complaints daily.



Quality Assurance: These inspectors check the various jobs daily, weekly, bi-weekly, monthly, quarterly, and semi-annually and annually. They are higher on the management scale than Supervisors and actually have a higher inspection authority.



Janitors: Our janitors are hard workers who are responsible for trash removal, low dusting, high dusting, rest room cleanup, fixture dusting and polishing, vacuum cleaning, light bulb placement, floor stripping, waxing, buffing and mopping, and all general cleanup.



Check-ups on top of check-ups: There are usually half a dozen checkups on each job. There is very little chance of overlooking an area or a work station or an item. We have checkers working to check the checkers! And this gives you a solid sense of overall cleanliness and efficiency you're going to like living with.

**LET US SOLVE YOUR
CLEANING PROBLEMS**

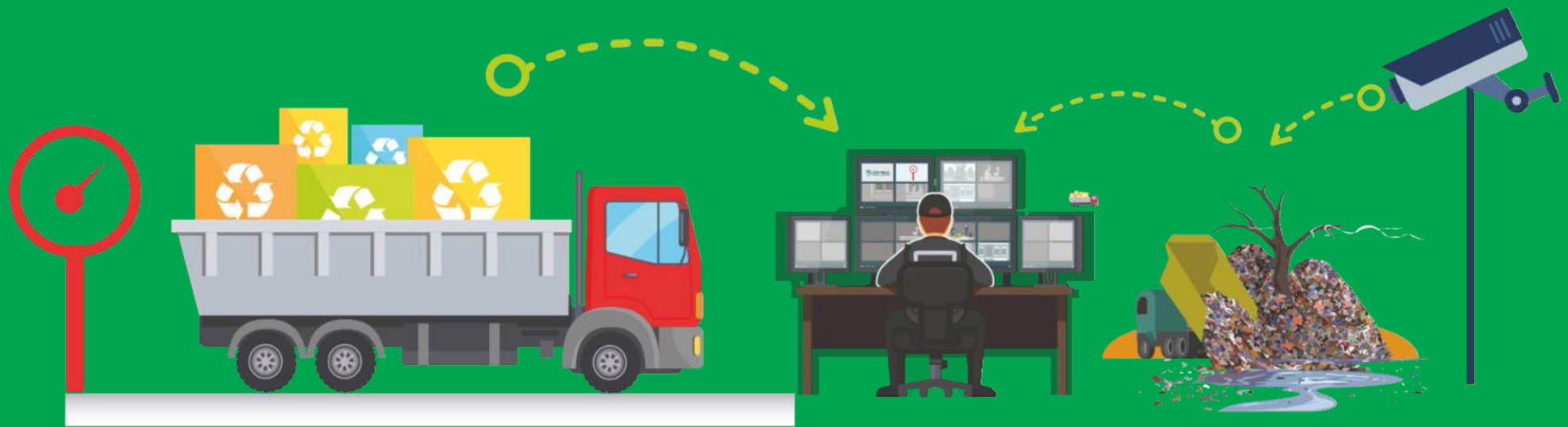
**WE GUARANTEE YOUR 100%
SATISFACTION.**



C- WASTE TREATMENT & DISPOSAL

We offer holistic solution from fabrication of equipment to management and operations of waste treatment and disposal lines.

- Manual and automated waste sorting Lines
- Trommel screens
- Magnetic separators
- RDF Lines
- Waste Incinerators
- Composting
- Bio Gas plants
- Waste to energy solution
- Green waste to pellet lines
- Autoclave Machines



D- SANITATION/SEWAGE MANAGEMENT

- Designs, installs and overhauls sewage treatment plants
- Fleet of tankers to remove liquid waste from both households and businesses
- Mini jetting machines to keep you sewerage line operative
- Truck mounted or trailer towed water bowzers for washing of roads and infrastructure



- Combined Sewer Suction and Jetting Unit to give enhanced sewer cleaning performance
- Drainovator machine for cleaning sludge and debris from open drains or nallahs
- Vacuum Assisted Manure Scrapper (VAMS) for Manure Collection in Dairy Farms

E- SUSTAINABILITY/PERFORMANCE MONITORING

Problems

- Public concerns and sensitization on environmental and social impacts of business operations are growing, putting pressure on companies to gauge and manage their sustainability
- In today's competitive world, sustainability stands on three pillars of the society, namely, social, environmental, and economic.

Services & Solution

- Business Intelligence and Advisory Services for Zero Waste strategy and system design.
- Sustainability KPIs development
- Carbon Footprint calculation and Offset strategy
- Data Analytics backed by real-time monitoring
- Tailor made solutions for school, business and banks.



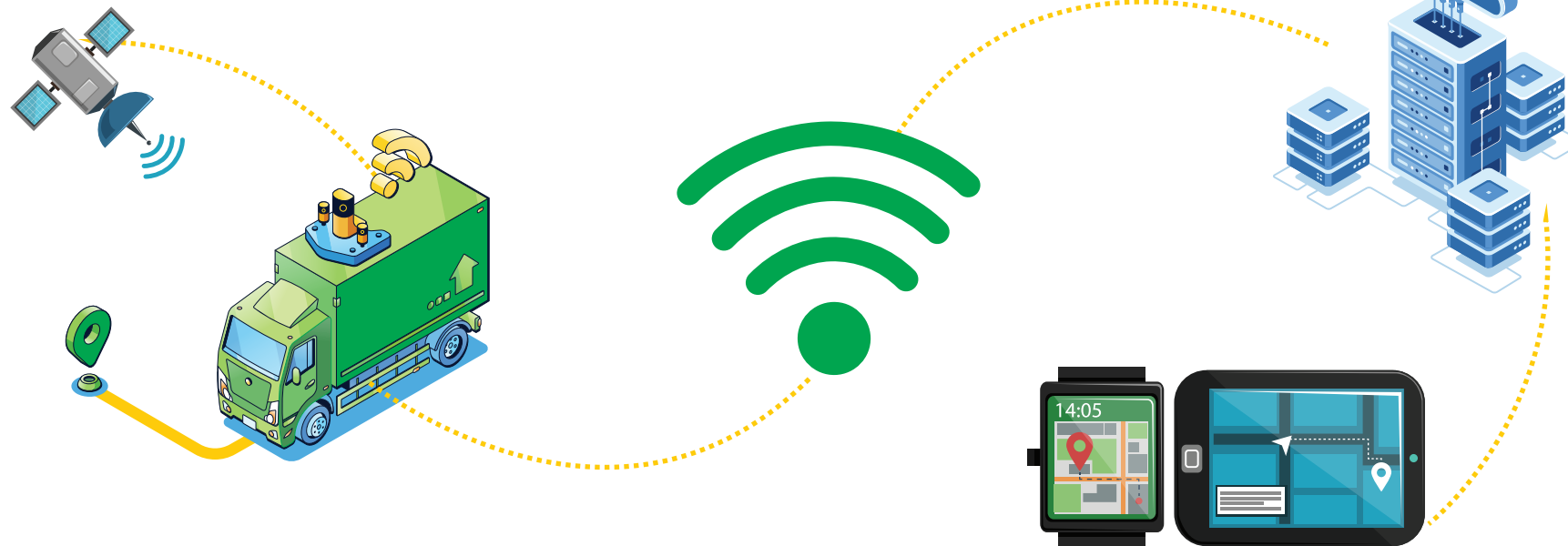
F- ASSET MANAGEMENT & MAINTENANCE SERVICES

Problems

- In today's competitive world, business such as manufacturing, retail and transport face difficult situations.
- Utilities such as water supply and waste management that utilizes mobile assets simultaneously for door to door service delivery face similar dilemma.

SOLUTIONS

- Apna tracker is a remote Asset Management & Maintenance solution for larger fleets
- It comes with IoT based on-board sensors and real time gadgetry that pinpoints leakages, shows past trend and comparisons along with tangible insights into the data
- Artificially intelligent deep learning tool, robust neural network that feeds off the real time data makes it similar as it goes
- Data visualization is provided through an intuitive manager facing dashboard



G- MY WASTE APP - WASTE COLLECTION SERVICES

Key Features

- Pakistan is faced with a major sustainability challenge in form of the waste we produce. GHS has a technology solution to outsmart this challenge
- Using this solution, organization, communities and household can channelize their waste to a certified recycler on a click of the button
- This ensures ethical disposal of thier waste and let them keep track of he volume and composition of their refuse
- While being respoinsible they can earn discount through recycling their dry waste. All this is now possible through your mobile



H- HOUSING SOCIETIES MANAGEMENT SERVICES

Solid Waste
Collection
Services



Liquid Waste
Management
Services



Installation
of Bins



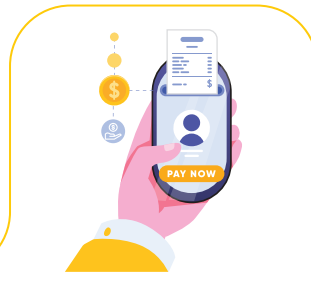
Waste
Transportation
& Disposal Services



Garden
Maintenance
& Management Services



Computerized
& Mobile based
Billing Services



Security
& Surveillance Services



Street Lights
Management
& Maintenance Services



I- ENVIROMENTAL AWARENESS PROGRAMS

GHS designs and implements specialized programs to obtain the required targets among masses for environmental awareness



Development & Installation of green shops



Door to door awareness campaign



Upcycling training programs



School education campaign



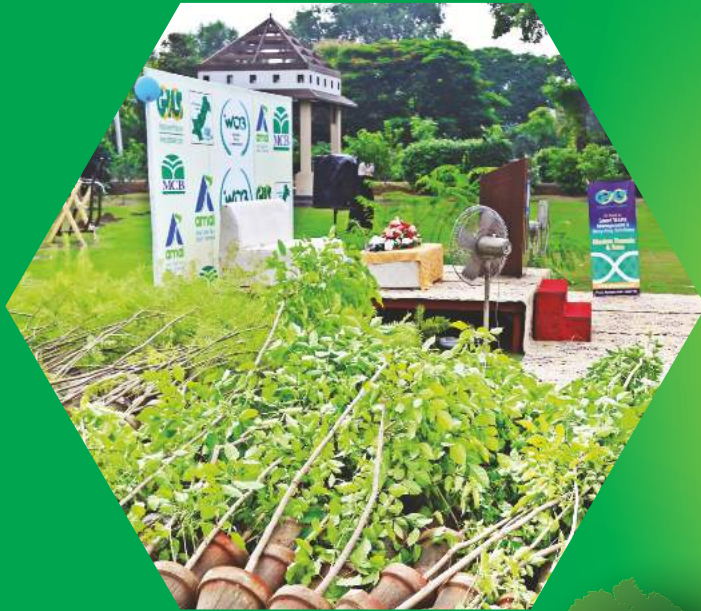
Art competition



J- TREE PLANTATION PROGRAM

GHS along with its corporate partners develops and implements tree plantation programs

- Arrangement of plants
- Arrangement of secured land for tree plantation
- Plantation of trees along with clients, families and youth
- Management of plants afterwards
- App based monitoring of plants growth



K- GREEN OFFICE & GREEN SCHOOL PROGRAM

For corporate business offices/industries and school buildings, GHS offers incentive based recycling solutions for dry waste

- Training of employees and staff
- Installation of bins
- Management of collection and transportation of dry waste
- Mobile app based monitoring and reporting system
- Recycling of all waste through partners



L- CONSULTANCY SERVICES

GHS offers professional consultancy services for

- Development of waste management plans for cities, housing societies and industries
- Waste audits
- Indoor facilities management plans
- Plastic waste management plans
- Landfill location & assessment studies
- Waste recycling support services
- Integrated waste management training
- Cost benefit analysis and cost optimization
- Policy analysis and development
- Organisational development
- Logistical optimization
- Education and curriculum development



- Waste generation services including waste characterisation, audits and tracking services
- Strategic planning for new waste facilities, encompassing business case development, options assessment and siting studies, legislative approvals and impact assessment
- Design and documentation for recycling and waste disposal facilities, such as transfer stations, resource recovery centres, landfills, materials recovery facilities
- Design of waste processing facilities, including organic wastes, mixed solid waste and energy from waste facilities and other alternative waste technologies (AWT)
- Specialist engineering advice on issues such as landfill gas, leachate, landfill capping systems and liners, stormwater, groundwater, geotechnical and environmental issues
- Operational support including operational management plans, environmental advice, regulator liaison, environmental compliance monitoring

LEGACY OF SUCCESS



PERFORMANCE REVIEW 2021



Achievements

- Established zero waste facility in wah cantt
- Involved 5000 students all over pakistan in plastic recycling campaign
- Planted more than 1000 trees
- Recycled 50,000 tonnes of waste
- Environmental awareness session with 500 schools



Waste Collectoin

- 900000 Tonnes annually
- Serving over 6 Million people
- Over 100 Waste Compaction Vehicles
- Over 400 people involved in the activity



Street Cleaning

- Serving over 2 Million Inhabitants
- Over 1000 People involved in activity

CLIENT RELATIONSHIP

Our clients range from individual residential subscribers to government and semi government organizations and include industrial and commercial clients. We have a market based strategy for serving our clients to provide the most cost effective solution depending on local regulations and janitorial and solid waste management practices. Where collection services are governed by exclusive franchise agreements and municipal contracts, the company focuses on excellence in collection services and transfer services. In other markets, not governed by these types of agreements, we can best serve our customers and provide the most cost-effective solution such as with collection, transfer and disposal.



PLANT & MACHINERY

- WASTE COLLECTION VEHICLES (COMPACTORS)
- LOADERS
- DUMPERS
- TRUCKS
- TRACTORS TROLLEYS
- TRUCK TOED VACCUM SWEEPER
- TOW SWEEPERS
- FRONT MOUNTED SWEEPERS
- WINDOW CLEANING LIFTS
- FLOOR WASHING MACHINE
- FLOOR POLISHER
- FLOOR SCRUBBERS
- LIGHT VACUUM CLEANER
- INDUSTRIAL VACUUM CLEANERS
- EXTRACTION MACHINES
- WHEEL BORROWS
- MOTOR CYCLES FOR SUPERVISORS
- FULLY EQUIPPED WORKSHOP
- MOTOR CYCLES FOR SUPERVISORS
- FULLY EQUIPPED WORKSHOP



ZERO WASTE RECYCLING FACILITY AT POF WAH CANNTT

GHS is a pioneer firm to develop an integrated resource recovery and recycling facility in a Public Private Partnership (PPP) Mode in Pakistan. A in-house design and build facility has been developed in Wah Canntt in partnership with Pakistan Ordinance Factories (POF). The state of art facility is specifically designed to manage the municipal solid waste keeping in mind the local culture, environment and management styles. GHS is also providing POF the services to operate and maintain the facility. The project ensures not only a clean environment in estate area of POF Wah Canntt but also play its role in reducing greenhouse gases by diverting the waste going into dumping site to zero waste facility. The Plant is equipped with waste Sorting line, RDF line, Green waste to pellet line and Compost line,



PLAYING OUR PART IN SARSABZ-O-SHADAB PAKISTAN VISION

GHS has always remain in forefront whenever there is a call from our leadership for any national cause. Sarsabz-o-Shadab Pakistan was launched by COAS General Qamar Javed Bajwa in 2018 to support the Prime Minister Imran Khan Vision of 10 Billion Tusnami Project. GHS along with its partners had been planting trees since the launch of this project at different occasions. In 2021, GHS in partnership with Walton Cantonment Board planted trees in Lahore cantt. At this occasion GHS invited youth of Lahore to join and plant trees so our upcoming generation get to know the importance of tree plantation. The management of GHS is committed to continue this program as our flagship CSR initiative.



SAFETY & THE ENVIRONMENT

We are committed to improve the environment for the future of the communities we live in and serve. We believe that our services play an integral part of improving the environment and we are always mindful of having the most cost-effective waste management solutions for our customers. In addition, we are committed to the safety of our workers and have programs in place to continually upgrade our risk management and environmental policies.

6 CLEAN WATER AND SANITATION 	7 AFFORDABLE AND CLEAN ENERGY 	8 DECENT WORK AND ECONOMIC GROWTH 	9 INDUSTRY, INNOVATION AND INFRASTRUCTURE 	11 SUSTAINABLE CITIES AND COMMUNITIES 	12 RESPONSIBLE CONSUMPTION AND PRODUCTION 	13 CLIMATE ACTION 	17 PARTNERSHIP FOR THE GOALS 
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