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INSPCORP

ליהוה המלחמה

Service Catalogue

**Water Technology
Department**

Type of Service	Specifications	Pricing
Consultation	Process Design <ul style="list-style-type: none"> • Pre-Installation- Third-party Proposals Approval, Advice on treatment options for investment • Post-Installation-Completed projects design verification 	
	Process Troubleshooting <ul style="list-style-type: none"> • Process simulations reports- WAVE, MM4, IMS Design, Advisor CI • Status evaluation reports • Parameters specification for monitoring analysis • On-site tests 	Sh. 50,000 per segment
	Technical Recommendations <ul style="list-style-type: none"> • Design modifications for exiting projects • Process optimization • Chemicals selection, use and consumption 	
Installations and Technical Capacity Building Services	Laboratory Infrastructure <ul style="list-style-type: none"> • Parameter-based lab equipment selection • Equipment set-up and lay-out • Equipment calibration 	Sh. 25,000
	Lab technology Training <ul style="list-style-type: none"> • Lab analytical methods • Process parameters tests 	Sh. 65,000
	Lab Equipment	Quantified separately
	Whole Treatment Systems Projects Implementation <ul style="list-style-type: none"> • Survey & Feasibility study • Process/system Design • System Installation & Start-up operations 	Quoted separately depending on system type and capacity
	Third-party Projects close-out <ul style="list-style-type: none"> • S.O.P generation • Process manuals generation • As-built drawings, P&IDs- Concept draw Pro 11, AutoCAD, Solid works, Edraw Max 	Sh. 30,000
Maintenance	Reverse Osmosis & Ultrafiltration Systems <ul style="list-style-type: none"> • Operational process simulations & Status reports- WAVE, LewaPlus 2, Advisor CI • Process Optimization- Operating parameters, Chemical consumption • Chemical recommendations • Chemical supply- Antiscalants, Oxidants, Disinfectants • CIP- Inclusive of Chemicals • Pretreatment performance monitoring • Periodic sampling 	RO Systems Sh. 25,000 p.m. UF Systems Sh. 20,000 p.m.
	SBR System <ul style="list-style-type: none"> • Wastewater treatment technology simulations- GPS-X 7.0 • On-site process parameters measurement • Process quality control • Bio-culture use recommendations as per system performance state • Chemicals supply- Bio-culture, Coagulants, Oxidants, Disinfectants • Effluent Discharge License Application (annual) • Periodic sampling for compliance monitoring 	Sh. 20,000 p.m.
	Grease Interception System <ul style="list-style-type: none"> • Grease trap sizing • Lipophilic culture recommendation • Chemicals supply- Bio-culture, Oxidants, Acids, Caustics, De-greasing agents • FOG monitoring for performance • De-greasing frequency determination 	Sh. 10,000 p.m.
Points to note	<ul style="list-style-type: none"> • All Maintenance scopes include: <ul style="list-style-type: none"> -Plant Status Reports -Progressive training of plant operators -Progressive research on process technology & chemicals, their testing and application to ensure technological update and top plant performance • Maintenance services encompass <i>all system aspects</i>, including Electrical and Mechanical inputs • All costs of replacement of Electrical & Mechanical components and spare parts are born by the client. Costs for external <i>Lab analysis</i> are also born by the client. <ul style="list-style-type: none"> ▪ Chemical supply includes charges for selection, purchase and delivery of the chemicals, not the actual chemical prices which will be quoted separately. Supply could be done in bulk, or periodic replenishment (e.g. monthly supply) 	

Onsite Water Lab Setup

Laboratory Infrastructure

- Parameter-based lab equipment selection
- Equipment set-up and lay-out
- Equipment calibration

Lab technology Training

- Lab analytical methods
- Process parameters tests

Equipment List	Aimed Parameters	Budget Estimate
<ol style="list-style-type: none"> 1. pH Meter 2. Turbidity Meter 3. TDS Meter + Temperature 4. D.O Meter 5. Digital Weighing Scale 6. SDI Kit 7. Heating Element 8. Filter Paper 9. Settling Jar 10. Potable Flow Meter 11. Stop Watch 12. Burette 13. Pipette 14. Beaker Set 15. Test tube Set 16. Test tube Rack 17. Graduated Cylinder 18. Chlorine Test Kit 19. 19 (Fluorides) 20. 20 (COD) 21. Spectrophotometer 22. Soxhlet Apparatus 	<p>Water quality Parameters</p> <ul style="list-style-type: none"> • Iron • Fluorides • Chemical Oxygen Demand • Total Dissolved Solids • Temperature • Total Suspended Solids • Color • Fats Oils and Grease • Free Chlorine • Chlorine Demand • Chemicals Concentration <p>Process Parameters</p> <ul style="list-style-type: none"> • Sludge Volume Index • Dissolved Oxygen • pH • Sludge Blanket Level • Silt Density Index 	<p>Sh. xxx</p>

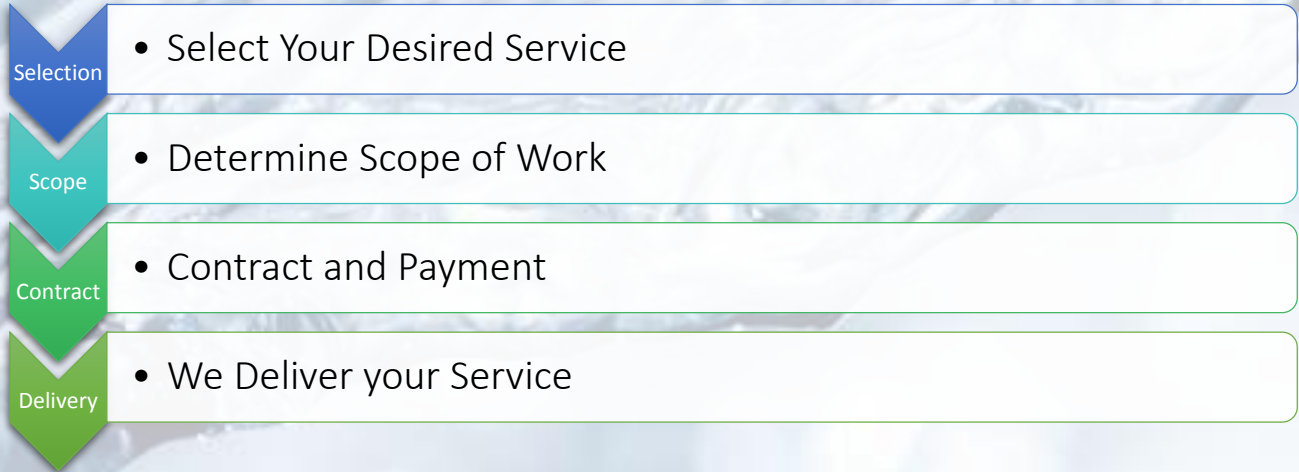
Notes:

- Lab equipment cost shall only include start-up reagents
- Cost for Lab set-up, equipment calibration and lab tech training is quoted separately
- The featured parameters cut across water and wastewater treatment processes

More Information



How to Start



Contacts



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Payment

