



SHEILD
— ASSOCIATION —

water lab_BOQ

Item	Description	Unit	Estimated Quantity
	<u>Preliminaries</u> <u>Tender Prices shall include the following</u>		
1	Submittal of Shop Drawings in 1 Hard copy and 1 editable Soft copy for the approval of the studies and projects department at SLWE مصلحة الدراسات و المشاريع and SHEILD's expert Shop Drawings shall include plans, layouts, sections, details and diagrams for Civil and Electrical trades. <i>Unit Rate in Words:</i>	No	1
2	Submittal of As-built Drawings in 3 Hard copies and 1 editable Soft copy for the approval of the studies and projects department at SLWE مصلحة الدراسات و المشاريع and SHEILD's expert. <i>Unit Rate in Words:</i>	No	1
3	Submittal of Material's submittals in 1 Hard copy and 1 editable Soft copy for the approval of the studies and projects department at SLWE مصلحة الدراسات و المشاريع and SHEILD's expert. Material's submittals shall include technical Datasheets, Samples, Mock-ups, catalogs' cut sheets. <i>Unit Rate in Words:</i>	No	1
4	Submittal of O&M manuals in 1 Hard copy and 1 editable Soft copy for the approval of the studies and projects department at SLWE مصلحة الدراسات و المشاريع and SHEILD's expert. <i>Unit Rate in Words:</i>	No	1
5	Testing and Commissioning of all components, equipment and devices in the presence of and as directed by the supervision entity at SHEILD and SLWE دائرة مراقبة التنفيذ.	No	1

	<i>Unit Rate in Words:</i>		
6	<p>Submittal of all calculation notes, tests reports, software models and simulations reports (Civil, Structure, Electrical, Solar, Earthing and lightning, etc...) requested by the studies and projects department at SLWE مصلحة الدراسات و المشاريع and SHEILD's expert in order to validate any shop drawings details.</p> <p>Safety factors shall be approved by the studies and projects department at SLWE مصلحة الدراسات و المشاريع and SHEILD's expert.</p> <p><i>Unit Rate in Words:</i></p>	No	1
7	<p>Site Supervision</p> <p>The Contractor has to organize a site visit in the presence of the supervision at SLWE مصلحة الدراسات و المشاريع and SHEILD's expert, where he has to carry out a complete survey of the facility , in order to verify all the required works and to validate the design by performing testing and measurments of the facility during its actual operation</p> <p><i>Unit Rate in Words:</i></p>	No	1
8	<p>Submittal of interim Progress Reports in 3 hard copies and 1 editable soft copy as per the directives of the studies and projects department at SLWE مصلحة الدراسات و المشاريع and SHEILD's expert, including but not limited to the following:</p> <ul style="list-style-type: none"> - A general description of the project - An updated work plan schedule showing the initial foreseen work plan compared to the actual work plan schedule updated untill the current stage of the executed works - A chronological description of the different execution works - Photos showing chronologically the different stages of the execution works - The difficulties encountered by the Contractor during the execution - An updated comparative BOQ showing the real executed quantities untill the current stage and the overall percentages - Updated Shop Drawings with the eventual modifications if any - A copy of the official correspondences with the SLWE untill the current stage - A copy of the payments receipts untill the current stage. <p><i>Unit Rate in Words:</i></p>	No	1

9	<p>Submittal of Final Progress Report in 3 hard copies and 1 editable soft copy upon all works completion, as per the directives of the studies and projects department at SLWE مصلحة الدراسات و المشاريع and SHEILD's expert, including but not limited to the following:</p> <ul style="list-style-type: none"> - A general description of the project - An updated work plan schedule showing the initial foreseen work plan compared to the actual work plan schedule updated according to the real timeline of the executed works - A chronological description of the major execution works - Photos showing chronologically the different stages of the execution works - The difficulties encountered by the Contractor during the execution - An updated comparative BOQ showing the real executed quantities and the overall percentages - All of the final updated As-Built Drawings - All the required documents and reports indicated in the Tender - All of the previous interim progress reports - A copy of all of the official correspondences with the SLWE - A copy of all of the payments receipts. - Original warranties, certificates, etc... as directed by the supervision entity at SLWE <p><i>Unit Rate in Words:</i></p>	No	1
	<p>Provide training to concerned stakeholders. The training shall cover the minimum following:</p> <ul style="list-style-type: none"> -Photovoltaic control room operation & safety measures - Energy Management Systems - Inverter troubleshooting - Inverter troubleshooting - Maintenance and Operation procedures - Any additional required training -Submission of Handing over documents and O&M manuals & Certificates 		

