Scope of work for Sheraton Grand Tbilisi Metechi Palace Hotel Solar system installation work

General:

* Detail shop drawings needs to be provided, considering attached sketch drawings, including 3D visualization, sections, structural element with calculation.
* Quality and brand of materials or equipment’s needs to be commercial use.
* Any material or equipment will require approval, prior delivery, or installation.
* Any activities will require proper planning and approval with technical manager.
* Proper barricades, wall, floor, or ceiling closure to be made to eliminate any damages of exiting installation.
* Constructive elements installation is provided in design sketch, which is mandatory to be followed any other element installation needs to be agreed with technical department.
* Any subsidizing program from government to be considered and detailed in the offer.

Solar System:

* Offer needs to Sheraton Grand Tbilisi Metekhi Palace Hotel roof (Approx. 200m2), parking area (Approx. 200m2)and electric car charger (1pcs).
* They yield calculation to be provided considering building and installation area location.
* Financial analysis to be provided including and not limited to investment cost, return on assets, amortization period, electricity production costs, remuneration and savings, cash flow etc.
* Type of system to be provided in detail.
* Climate data to be included in the offer.
* Module area to be shown in the offer including POV modules, orientation, installation type, horizon line, inverter configuration etc.
* Simulation result for total system to be calculated.
* Plans and part list including circuit diagram, dimensioning plan
* Warranty period and maintenance schedule to be included.
* Cabling diagram and connection to existing power system to be provided.

Contractor needs to represent following minimum staff all the time during installation activities:

* Safety representative.
* Foreman.
* MEP engineer.
* Skilled workers.