

(BOQs) Construction of Steel Shade Structures					
SN	وصف البند / Description of work/	Bill of Quantities			
		Unit	Qty	Rate US\$	Amount US\$
		الوحدة	الكمية	سعر الوحدة	السعر الإجمالي
1	By cubic meter: Supply and execution of excavation and construction of foundations using solid black stone that is uniform in color and free of defects, to a depth of 40 cm. This item includes excavation and grading work, as well as construction using cement mortar (1:4), with proper compaction of the layers and watering of the work areas. The work includes the removal of debris and everything necessary to complete the work in accordance with engineering standards and the supervising engineer's instructions.	م3/3	2		
2	BY square mtere Solid Concrete Block Work(Upper Wall): supply and construction of a high-quality, crack-free concrete block wall (20 × 20 × 40 cm), 1.5 meters high above the stone foundation. Construction shall be carried out using cement mortar with a mix ratio of 1 part cement to 4 parts sand. The price includes the installation of reinforcing shoulders made of the same blocks every 3 meters in length, with a width equal to one block (40 cm), ensuring proper bonding between the shoulders and the wall. The price includes water curing for three days and all necessary work to complete the project in accordance with the engineer's instructions.	متر المربع	16		
3	By square meter (M2):supply of materials, labor, and equipment for pouring a lightly reinforced concrete floor with 12 cm thick. The price includes the following work: 1. Leveling the natural ground and compacting it thoroughly while spraying with water to achieve the required engineering compaction. 2. Supply and installation of a moisture barrier layer (nylon or polyethylene sheeting) with sufficient overlap of at least 20 cm at the joints. 3. Supply and installation of light reinforcement consisting of rebar with a diameter of 8 mm placed every 20 cm in both directions, with the rebar raised using concrete spacers to ensure the required concrete cover. 4. Supply and pour ordinary concrete with a compressive strength of at least 20 N/mm² or 250 kg/cm² after 28 days. 5. To ensure drainage and cleaning: The pouring levels must be adjusted to create the necessary slopes toward the drainage points at the entrance or drainage channels to prevent water accumulation, while leveling and smoothing the final surface using a mechanical trowel (helicopter) or a heavy metal float to achieve a smooth, solid, and polished surface that is impervious to water and easy to clean. 6. Install expansion/contraction joints at intervals not exceeding 4 meters; clean them and fill them with a flexible sealant to prevent water leakage and the accumulation of dirt. 7. The price includes treating the concrete with wet burlap and spraying it with potable water for a period of no less than 7 consecutive days, as well as the removal of debris and everything else necessary to complete the work in full accordance with engineering standards, and the supervising engineer's instructions.	متر المربع	29.55		
4	Supply and Installation of Steel Shade Structure (3.8m x 10.8m) as per attached Annex. and the Price is comprehensive and includes all labor, materials, equipment, and services for the following: 1. Site inspection and verification of dimensions and levels. Supply and installation of steel columns, beams, purlins, bracing, and all structural connections according to below: 2. RCC foundations (0.5x0.5x0.5)m for each column. 3. IPE140 Columns (Height: 3.40m), spaced at 2.5m intervals. 4. Main steel beams (120x60x4)mm spanning between columns. 5. Structural steel roof tubes/purlins (80x40x2)mm spaced at 60cm intervals. 6. 1.3 mm Heavy Duty PVC Corrugated Roofing Sheets including a thermal insulation layer. 7. Anti-corrosion painting and surface treatment of all steel members. 8. Testing, commissioning, and final handover. 9. Cleaning the site and disposal of all construction debris.	متر المربع	1		
Total amount					