

SOLAR WATER PUMPING · APPROXIMATE COST

What the whole project costs

Three parts make up the job: drilling the well, the pump, and the solar system that powers it. The solar system can be either the solar inverter pump system (Option B) or the on-grid system (Option C); both are budgeted at about the same amount.

TN-20261020-PUMP-04

Rev02

20 October 2026

Chiang Rai, Thailand

Approximate prices in THB

Cost by part



1 Drilling a 4" well

Drilling with pipe, accessories and safety sling included

65,000
THB · 31%



2 TORQUE 1.5 HP pump

TQ-SP-2DLBM20-4/S borehole pump, 1-phase 220 V

17,000
THB · 8%



3 Solar system

Solar inverter pump system (Option B) or on-grid system (Option C), with panels, protection and installation

125,000
THB · 60%

How the budget splits

Well · 31%

Pump · 8%

Solar system · 60%



TOTAL PROJECT COST, APPROXIMATE

207,000 THB

1. Drilling a 4" well 65,000

2. TORQUE 1.5 HP pump 17,000

3. Solar system 125,000

In order of work

1

Drilling a 4" well
65,000 THB



2

TORQUE 1.5 HP pump
17,000 THB



3

Solar system
125,000 THB

All prices are approximate and before VAT. The drilling price includes the pipe, accessories and safety sling; the final depth and cost are confirmed by the well driller on site. The solar system figure covers either Option B (solar inverter pump) or Option C (on-grid).