

Solar Powered Water Supply System at Nanijore.

Meghdega, Tangarpali Sundargarh



**PANCHAYAT RAJ & DRINKING WATER DEPARTMENT
RWS&S DIVISION, SUNDARGARH**

**RURAL WATER SUPPLY & SANITATION
ODISHA
2021-22**

9861072124

SALIENT FEATURES

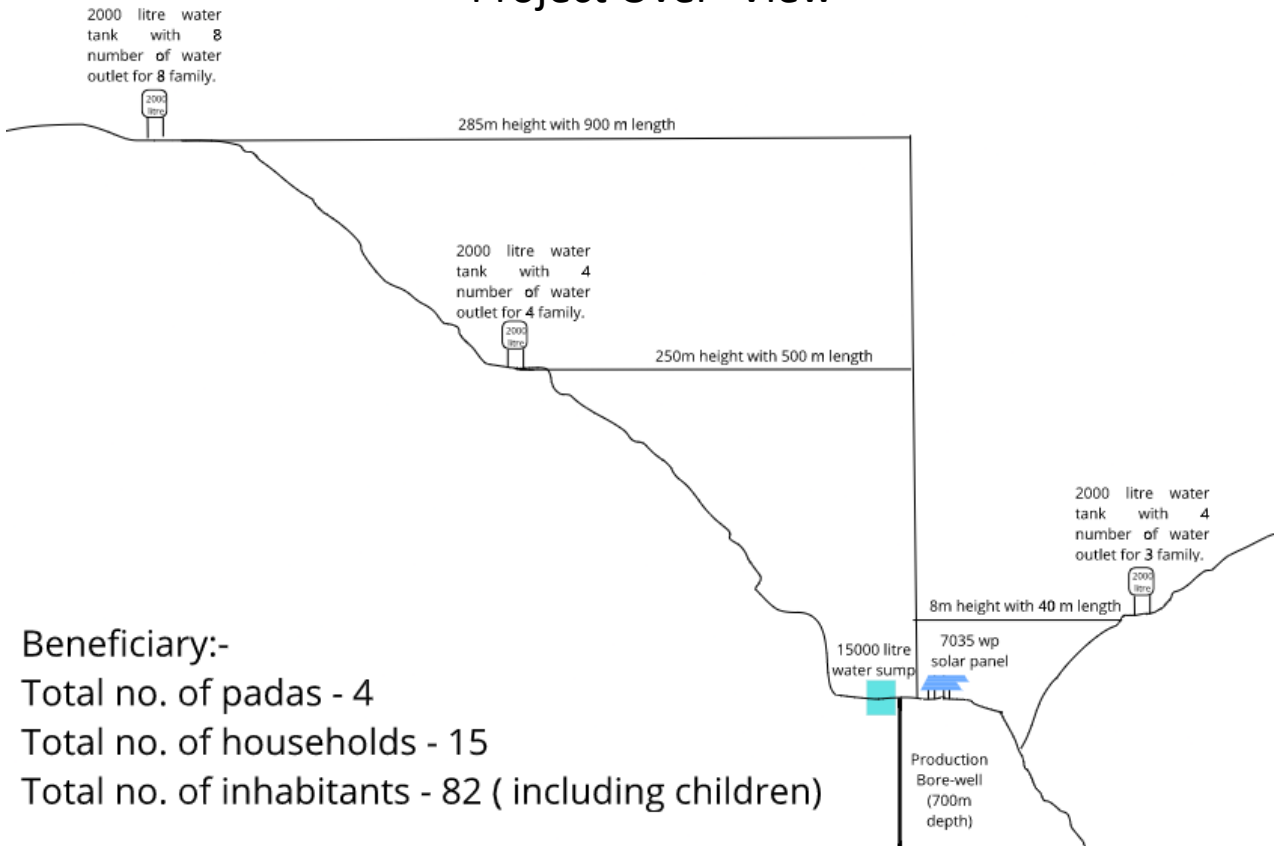
Solar Powered Water Supply System at Nanijore.

Meghdega, Tangarpali Sundargarh.

Sl. No.	Description of Work	Quantity as per Estimate	Work done Quantity
01	Sinking of 125x100 mm dia Trial Bore	01 no.	01 no.
02	Sinking of 200x150 mm dia Production Well	01 no.	01 no.
03	Construction of RCC Sump of capacity 15,000 ltrs	01 no.	01 no.
04	3.0 H.P Submersible Solar Pump (25 Stage)	01 no.	01 no.
05	3.0 H.P Submersible Solar Pump (48 Stage)	01 no.	01 no.
06	1.0 H.P Submersible Solar Pump (25 Stage)	01 no.	01 no.
07	335 Wp Solar Panel	22 nos.	22 nos.
08	2000 ltrs Food Graded 4 layer PVC Water Tank	03 nos.	03 nos.
09	Galvanized Mounting Structure 3.0 mtr height for Water Tank	03 nos.	03 nos.
10	Galvanized Mounting Structure for Solar Panel	01 Set	01 Set
11	50 mm HDPE Pipe P.N 10 for Supply of water to Water Tank and Lowering in Production Well	600 mtr	600 mtr
12	32 mm HDPE Pipe P.N 10 for Supply of water From Sump to Water Tank	530 mtr	530 mtr

**Superintending Engineer,
RWS&S Division, Sundargarh.**

Project Over -View



Beneficiary:-

Total no. of padas - 4

Total no. of households - 15

Total no. of inhabitants - 82 (including children)

