

# **Solar Based River Lift Water Supply System.**

**Manikeswari Higher Secondary  
School Garh Tumulia**



**Estimated Cost-49.84 Lack**

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

**RURAL WATER SUPPLY & SANITATION**

**ODISHA-2021-22**



# SALIENT FEATURES

## Solar Powered Water Supply System at

### Manikeswari College, Tumulia, Hingir, Sundargarh

Sl. No.	Description of Work	Quantity as per Estimate	Work done Quantity
01	Solar Panel of 335W	15 No.	15 No.
02	MS Galvanized module mounting structure	1 Set	1 Set
03	Solar submersible Pump & controller of 5HP (11 stage)	2 No.	2 No.
04	Galvanized structure of 3 meter high for 5000 Lts. Water tank.	2 Set	2 Set
05	5000 ltr. food grade PVC 4-layer storage water tank	2 No.	2 No.
06	63mm HDEP Pipe PE:100 , PN 10 for water supply	513 Mtr.	513 Mtr.
07	Supply of Intello Ferro 200M Vessel	1 Set	1 Set
08	Supply of Intello SF 300M (MGF) Vessel	1Set	1Set

**Superintending Engineer**

## Beneficiary:-

➤ +2

☐ Girls Boarder-423

☐ Boys Boarder 150

☐ Day-Scholar - 97

**Total =670**

➤ +3

☐ Girls Boarder -110

☐ Boys Boarder- 60

☐ Day-Scholar - 410

**Total = 580**

Teaching- 33    Non Teaching- 29

## Total Beneficiary-1312

Latitude- 22.018199,  
Longitude- 83.717941

Manikeswari  
College, G. Tumulia

KUND DAM

**APS** INFRATECH  
Creating a Better Tomorrow

















**APS INFRATECH**  
*Creating a Better Tomorrow*

















**APS** INFRATECH  
Creating a Better Tomorrow





















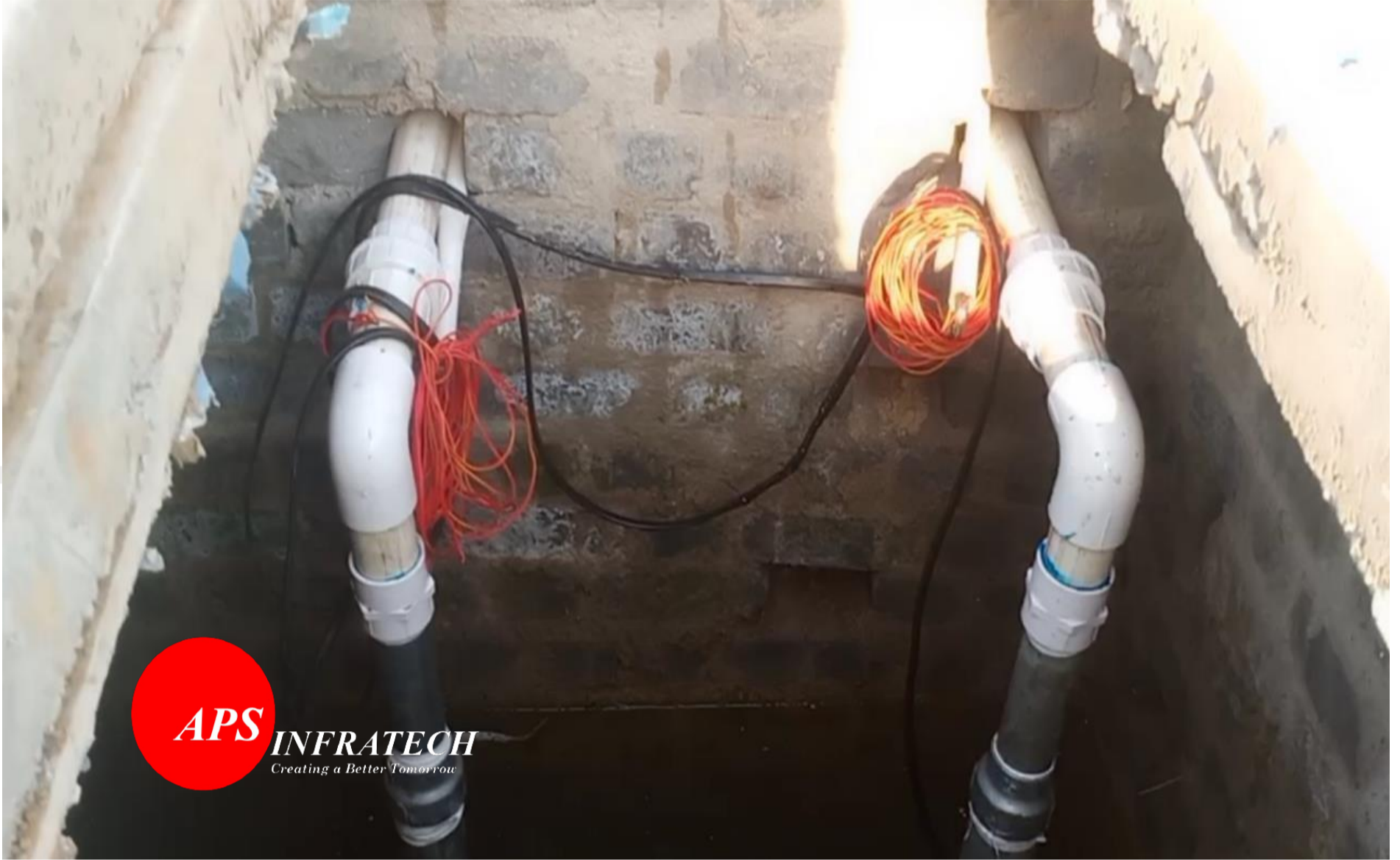




**APS** INFRATECH  
Creating a Better Tomorrow























**APS** INFRATECH  
Creating a Better Tomorrow





**Thank You**





