

5. ESTIMATES & COSTING

a) Specification of projects

1- Civil Works :-

- ❖ **Base Concrete** :- Foundation base concrete in 1:4:8 (1 cement 4 coarse sand : 8 with 40 MM graded stone ballast)
- ❖ **R.C.C. Foundation** :- M-20 grade 1:15.3 (1 cement 1.5 coarse sand 3 graded stone gril 20 MM size)
- ❖ **Superstructure** :- 230 MM thick brick work/ 115 MM thick brick work in 1:6 cement and coarse sand FM 1.5 to 2.0)
- ❖ **Plaster** :- Inner and outer 12 MM thick cement plaster in 1:6 (1 cement 6 coarse sand) FM 2.0 to 2.6)
- ❖ **Kitchen top** :- Plain C.C.Top
- ❖ **Floor/Wall Tiles** :- 300,300 MM floor tiles of approved make and wall tiles of 200x300 MM over 20mm thick Cement Mortar of 1:4 (1 Cement 4 Coarse sand)
- ❖ **Finishing** :- Outer finishing with 2 coat of apex whether coat with Birla Putti and internal finish with 2 coat colour wash Distemper.
- ❖ **Door Shutter** :- 30mm thick flush Door Shutter ISI Mark.
- ❖ **Window Shutter** :- M.S. Z-Section window shutter with 3 to 4.7mm thick glass panes ISI Mark.
- ❖ **Water Storage Tank** :- 500ltr. Triple layer per house polyethylene water storage tank.
- ❖ **Roof Treatment** :- Brick coba with khurra

2- Water Supply & Sanitary :-

- ❖ 15/20/25 mm Dia B-Class CPVC PIPE with all required fittings ISI Mark.
- ❖ Orrisa pattern WC pan size 580 MM ISI Mark.
- ❖ 15mm dia CP brass bib cock 400gm.

3- Electrification:- Copper concealed wiring with PVC conduit pipe in slab and roof

- ❖ **Points**: - Light points. Fan points with regulator. 5 amp plug points & 15 amp power plugs.
- ❖ **Earthing** :- As per requirement of site.