

Annexure-2

Consolidated T&P and Manpower list		
S.No	T&P and manpower Required for the ETC works:	No's
1	10KL/12KL filtration machine (it can simultaneously perform Vacuuming and oil filtration)	3
2	0.5/0.25 Micron filter (to be used in 12KL filtration machine during HOC) for NAS to clear particle count. Total filters required : 36no's	36
3	Dry air machine (100 CFT)	1
4	60KL Storage tank	1
5	35KL storage tank	2
6	Vaisala dew point test kit	1
7	DG set 250KVA rating	1
8	DG set 180KVA rating	1
9	DG set 82.5KVA rating	1
10	80 feet Manlift	2
11	14MT hydra/Farana	1
12	Tractor	2
13	50MT crane during 765kV bushing erection	1
14	Electricians	18
15	Fitters	17
16	Welders	8
17	Helpers	34
18	other necessary tools for termination (like crimping tool, wire stripper etc), balance yard ETC works (Different size spanners, Rachet etc)are required	

S.No	Consumables
1	Approximately 55000 to 60000 litres of Diesel are required for oil filtration and Hot oil circulation of ICT and reactors
2	45 litres of diesel are required daily to operate 02 no's of 80 feet manlift and Farana/Hydra
3	Lugs (ring type, pin type, combiflex) are required for termination
4	SS ties for cable dressing
5	Welding electrodes, cutting wheel
6	cartridge/ribbon for ferrule machine
7	Ferrule sleeve for 2.5sqmm, 4 sqmm core terminations etc
8	welding electrodes, bitumen paint
9	bolts and nuts for connecting the flats wherever necessary
10	Aluminium paint to protect the welding joints in Isolator operating rods
11	Green paint for MS flat
12	cotton waste etc

Above list is tentative, it may need to be augmented based on the requirement of the project to meet the target.