

Schedule for Budgetary Offer of Andhali Lift Irrigation Scheme

Sr. No	Description	Quantity	Unit	Rate/ Unit (Rs)	Amount (Rs)
A	Pump Parameter Details				
	Design with quality assurance plan at all stages of manufacturing supply, erection, testing to full capacity & commissioning at site of work Vertical Turbine Pumps 750HP(Tentatively) , non pull out type,complete with strainer ,suction bell,column assembly,Discharge case/Discharge Tee motor stool,flexible coupling,sole plates,base frame foundation ,non-reversible rotation ratchet arrangement etc.suitable for following duties specification and conforming to specifications as given below .	3	Nos		
	a) Duty point discharge -2.080 m ³ /sec b) Duty point head-71.02 meter c) Pump RPM -1000 d) Efficiency - 90% e) Head range- 53 to 79 meter f) Lubrication system = Forced water g) Type of delivery - Surface delivery h)No of maximum stage- Single stage i) Column pipe diameter- 700 mm j) Column pipe thickness (min) - 7 mm k) Line shaft diameter - 100 mm l) Max.no of pumps working in parallel - 3 No				
B	H.T.Motors Specifications Details				
	Design,Manufacturing,Supply, Errection,testing to full capacity,commisioning at site of work 610 KW(Tentatively) TEWC CACW IC81 vertical solid shaft, 3 phase, 6 pole round rotor squirrel cage induction motors.Operating at 1000 rpm Synch, Having maximum efficiency at duty point S1 duty, class of insulation F, efficiency class ie2/ie3, suitable for operating pump of specified rating at specified duty head & discharge(for driving above mention pump) without any undue heating of any part & give specified power factor & efficiency at duty,motor should be as per revised IS325& relevant IEEE Standardes.	3	Nos		
	a) Operating Voltage-6.6 KV b) Minimum KW Rating- 610 KW				

**Executive Engineer
Mechanical Division,
Satara**