

PONDICHERRY UNIVERSITY
ENGINEERING WING

SCHEDULE OF WORK

Name of the work: Supply, erection and commissioning of 20HP submersible motor pump set at Pondicherry University, Karaikal campus

S.No.	Description	Qty.	Rate Rs.P.	Unit	Amount Rs.P.
1	Code No:33.27.5				
	Charges for developing the borewells with air compressor of 600 CFM capacity (minimum 8 hours) including transportation labour and fuel charges for compressor and conducting yield test by "V" Notch methods.	10.00		Hrs	
2	Code No:31.47.4				
	Providing flanged joints to double flanged C.I./D.I. pipes and specials including necessary bolts, nuts, rubber insertion and testing of joints etc.,complete - 150mm diameter pipe.	4.00		Nos	
3	Code No:31.48.3B				
	Providing and fixing C.I. sluice valve (PN1.6) (with cap) conforming to IS 14846 and ISI marked, with bolts, nuts, rubber insertion etc.,complete (the tail pieces if required will be paid separately) - 100 mm dia.	1.00		No	
4	Code No:31.48.6E				
	Providing and fixing C.I. Double air valve with bolts, nuts, rubber insertion etc.,complete (the tail pieces if required will be paid separately) - 100 mm dia.	1.00		No	
5	Code No:31.48.7D				
	Providing and fixing C.I. non return valve (PN 1.6) conforming to IS	1.00		No	

	5312 and ISI marked, with bolts, nuts, rubber insertion etc.,complete (the tail pieces if required will be paid separately) - 100 mm dia				
6	Code No:31.130.1A				
	Providing and laying in position flanged C.I. specials such as tees, bends, collors, tapers, caps etc.conforming to IS specification 1538 and ISI marked - 80 to 200mm dia.	50.00		Kg	
7	Code No:31.136.1I				
	Providing, laying and jointing G.I pipes of medium class (blue) (TATA,TNT,Nezone,Apollo,Zenith) conforming to IS specification 1239 part I and ISI marked including transportation to the site , lowering to the trenches, laying to proper grade and alignment, testing of joints with required testing equipment,excluding GI specials such as bends,tees, elbow,coupling,reducer etc.,complete all as per IS and CPWD specification. -100mm dia	2.00		Rum	
8	Code No:31.140.2B				
	Providing and fixing in position G.I. reducer (UNIQUE/R Brand/HB Brand/UI Brand) conforming to IS 1239 part II and ISI marked,including labour charges for jointing, jointing materials etc,complete- 150 x 100 mm dia.	1.00		No	
9	Code No:31.144.1I				
	Providing and fixing in position G.I. bend (UNIQUE/R Brand/HB Brand/UI Brand) conforming to IS 1239 part II and ISI marked,including labour charges for jointing,jointing materials	3.00		No	

	etc,complete 100 mm dia.	-			
10	Code No:31.152.1W				
	Providing and fixing mild steel bracket including bolts,nuts,rubber insertion, labour charges etc,complete-150 x 100mm dia	1.00		No	
11	Code No:31.153.1E				
	Providing and fixing mild steel flange including bolts,nuts,rubber insertion,labour charges etc,complete-100mm dia	10.00		Nos	
12	Code No:31.153.1G				
	Providing and fixing mild steel flange including bolts,nuts,rubber insertion,labour charges etc,complete-150mm dia	4.00		Nos	
13	Code No:31.161.1A				
	Providing, laying and jointing UPVC pipes(Finolex/Jain) (0.6Mpa) conforming to IS specification 4985 and ISI marked including transportation to the site , lowering to the trenches, laying to proper grade and alignment, testing of joints with required testing equipment,including cost of solvent cement,UPVC specials such as bends,tees, threaded pieces,couplers,reducer,endcaps etc.,complete all as per IS and CPWDspecification. - 40mm dia.	100.00		Rum	
14	Code No:31.172.1F				
	Providing and fixing in position UPVC moulded tail piece without flange(Finolex/Jain) (0.6 Mpa)conforming to IS 7834 part II and ISI marked,including labour charges for jointing, jointing	2.00		Nos	

	materials etc,complete - 160mm dia				
15	Code No:31.179.1F				
	Providing and fixing in position UPVC fabricated bend (Finolex/Jain)(1 Mpa) conforming to IS 7834 part II and ISI marked,including labour charges for jointing, jointing materials etc,complete - 160 mm dia	5.00		Nos	
16	Code No:31.250.1J				
	Supplying of electrically operated wet type submersible motor and pumpset (Texmo / KSB / Taro / Kirloskar make), AC 3 phase, 415 volts, 50 Hz, 2900-3000 RPM The pump shall have brass impeller, high grade steel shaft with sufficient stages having outlet size of 2"/2.5"/3"/4" dia. to suit the borewell (150 / 200mm dia.), complete. The rate includes, all taxes, freight, etc., FOR at site in Puducherry. The pumpset shall be guaranteed for a period of one year from the date of commissioning.(20 HP Submersible motor and pumpset).	1.00		No	
17	Code No:31.258.1B				
	Supplying and fixing of 1x3x6 sqmm (single run) PVC insulated copper submersible flat flexible cable of Finolex make complete.-12.5HP to 20HP pumpset	200.00		Rum	
18	Code No:31.269.1D				
	Supplying and fixing of C.I. adopter which is to be connected to submersible pump delivery pipe.-100 mm dia	1.00		No	
19	Code No:31.272.1				
	Supply and fixing of 80/100mm dia. M.S. erection clamps of size	2.00		Nos	

	80mmx12mm with bolts, nuts, washer etc., complete.				
20	Code No:31.274.1D				
	Providing and fixing MS square threaded coupling (male and female thread) including necessary welding with 100mm GI pipe. -100mm dia.	15.00		Nos	
21	Code No:31.279.1A				
	Erection, testing and commissioning of job motor and pumpset complete.	1.00		No	
22	Code No:Non PSR				
	Supplying and lowering with the bore well the PVC pipes of ISI make ASHIRWAD/JAWAN which are to be connected to the submersible pump including labour charge, existing materials etc complete.100mm dia.	50.00		Rum	
	Total				

I hereby abide the rules and regulations stipulated in the CPWD form no. 6 & 8.

Contractor

Executive Engineer