

Schedule of Quantity			Estimated Cost		191063
Name of work:- Providing LWSS to PC Habitation Hawaii Shaih in TehsilBhunter Distt Kullu H.P.(SH:- Installation of 3 Nos. Submersible pump)			Earnest money		3821
			Time:		1 Month
S.No	Description of items	Quantity	Unit	Rate	Amount
1	Supply of submersible water pumping set (For hand pump) of reputed make such as KSB / Kirloskar / CALAMA/Johnston / Oswal/BS/ SABAR make confirming to latest relevent BIS code.The pump should be fitted with free flow impellers of suitable alloy as per BIS 5659-1970 latest suitable for clear cold water with turbidity up to 50 PPM having greased packer bearings & shaft with bound stator on motor side & with shaft protection sleeve on pump side ensuring better life for shaft confirming to BIS specifications.The pump shall be directly coupled to a submersible squirrel cage electric induction motor of same make confirming to relevent BIS code latest with up to date ammendments totally dust & water proof for submersible duty isolated from the pump by intermediate casing with double mechanical seal in oil chamber & grease packed lubricated bearings & provided with stainless steel thrust bearing plate to with stand non vertical loads with minimum wear & tear.It should also be fitted with a device to take up expansion of water with heating of motor. The pump set should include water level guard errection clamps,cable clips & depth gauge etc. The pump should be suitable for operation on data given below:-	3	set		
	Discharge:- .45 LPS				
	Total Head:- 48 meters				
2	Providing and fixing single /Three phase panel of reputed make for above submersible pump set of suitable capacity including starter, Amperemeter, voltmeter , over load relay , MCB, Capacitor, connection plate etc for incoming and out going feeders.	2	per Job		
3	Providing and Laying PVC jointless flat water proof cable as per BIS 694-1990 (latest with up to date ammendments) suitable for the pump sets offered from OCB to motor, motor to starter including all other electrical equipments such as Thimbles, flexible pipes, solder,nuts & bolts,cable glands etc. laid in pipes or trenches. The type,size & make will be subject to approval of HPSEB authorities.In case of non acceptance by HPSEB authorities it shall have to be replaced by the tenderer free of cost.				
4	Providing , lowering and Jointing in bore PP-R (polypropylene randomcopolymer0 pipe as per design UV stablized and antimicroble fusion welded having thurmal stabilty for hot & cold water supply including all PP-R plain and brass threaded polypropylene random fitting complete ISI 15801-2010 & testing of joint complete in all leads and lifts as per direction of the engineer-in-charge	120	Rmt		
			Total:-		0