

Minutes of Pre-bid Meeting for Installation of Pop up and Drip Irrigation System at IIMA

Date: 17/1/17

Time: 11.00 am

Venue: New Campus, IIMA

The following were present:

1. Bhavin Donga, Donga Watertech
2. Manish Tiwari, Harvel Irrigations Pvt Ltd
3. K Maheswari, Sagar Polytechnik Ltd
4. Ajit B Patel, Manan Water Tech Pvt Ltd
5. Gokul Tanna, Modern Developers
6. Naran Fuletra, Rainmake

From IIMA:

1. Pranaya Srivastava – cmpem@iima.ac.in
2. Kamlesh Gandhi
3. Krunal Patel

Following points were clarified:

1. Excavation is for the unpaved area in normal soil. For paved area, IIMA will get the paving removed and PCC removed at its own cost and get it redone.
2. PVC pipes of 10kg/cm² to be used instead of uPVC pipes.
3. Rates includes connection with existing water supply line
4. Submit this document ie Minutes of pre-bid meeting duly stamped and signed.
5. BOQ items shown in red are modified/added from the original BOQ. Please read the corresponding items from the minutes of the meeting and quote in the excel sheet of eprocure (changes are in red) as shown below:

Sl. No.	Item Description	Item Code / Make	Quantity	Units
1	2	3	4	5

1	Irrigation Work and Piping Work Providing, laying & jointing in position PVC pipe conforming to ISI standard and suitable for the respective working pressures with all fittings and accessories e.g. couplings, tees, bends, reducers, screwed adapters, flanged tail pieces etc. jointing as per manufacturers' instruction,			
1.01	PVC pipe 110mm-10 kg/cm ²	1 Supreme Finlox equivalent approved by IIMA	372.00	Rmt
1.02	PVC pipe 90mm-10 kg/cm ²	2 Supreme Finlox equivalent approved by IIMA	150.00	Rmt
1.03	PVC pipe 75mm- 10 kg/cm ²	3 Supreme Finlox equivalent approved by IIMA	1170.00	Rmt
1.04	PVC pipe 63mm-10 kg/cm ²	4 Supreme Finlox equivalent approved by IIMA	708.00	Rmt
1.05	PVC pipe 50mm-10 kg/cm ²	5 Supreme Finlox equivalent approved by IIMA	1092.00	Rmt

1.06	PVC pipe 40mm-10 kg/cm ²	6 Supreme Finlox equivalent approved by IIMA	1200.00	Rmt
1.07	Earth work excavation and refilling 300x450mm -only for unpaved areas.	As per Standard Practice	3000.00	Rmt
2.07	Providing and fixing of PP service saddle of 1/2"	Hidroten, Rainson Raj Poonam or equivalent	125.00	Nos
3.01	Supply and fixing of flexible Blank tubing and resistance to UV damage and algae growth black in colour 16 mm size. With all fittings and accessories. (16mm 40 cm 3.8 lph Inline Lateral)	1 Netafim or Jain Irrigation	50.00	rmt
3.03	Supply and Fixing Driper ,and plain Drip Line black in colour 16 mm size. With all fittings (16mm Plain Lateral)	3 Netafim or Jain Irrigation	25.00	rmt
4	VALVES & ACCESSORIES			
4.01	Providing and fixing of PVC Ball Valve,security pivot to maintain lever in space,double water tight joint,direct injection stem non mechanical ,with a base which permits maximum penetration into the valve of size 63mm.	Hidroten, Plasson, Raj Poonam, Jain, Automate or equivalent	15.00	Nos
4.03	Providing & fixing of a double acting 1" Air release valve. The Air release valve shall be capable of both releasing and admitting air from and into the line. The working pressure shall be 5 bar. Including service saddle and riser assembly.	2 Azud, Bermad, Automat, equivalent	10.00	Nos
5	PUMP AND FILTERATION UNIT			
5.01	Providing & Fixing 1 pumpset of having discharge 6.0 lps@65 mtr head .	Kirloskar, AMIAD, ARCLES or equivalent as approved by IIMA	2.00	Nos

6	FILTRATION UNIT			
6.01	Providing and fixing of control panel suitable for pumpset having panel box and fixed alongwith following accessories starter ,start / stop push buttons , Ammeter, Voltmeter , Indicating lamps, MCB , with cable, etc.	L&T, Siemens kirlosker, Anson or equivalent	1.00	Nos
6.03	Providing & fixing of control Valve /Butterfly Valve in mainline for bypass and flow diversion of approved quality	2 L&T or Audco or equivalent As per standard procedure	1.00	Nos
6.04	Providing & fixing of Non Return Valve to prevent back flow	Zolato, LP, Kartar or equivalent	1.00	Nos
6.05	Providing and fixing of Pressure Release Valve	Bermad, Zolato Pavan, Lp, Kartar, or equivalent	4.00	Nos
6.07	Providing & Fixing of Disc Filter with capacity matching pump design flow having an suitable inlet connections , to create a helical effect in the incoming water ,spinning particulate in suspension away from the filtering element and so minimizing cleanings frequency ,3/4" outlet for flushing at bottom of filter & maximum working presure of 10 Bars. with pressure gauge. (flow of 50 cum/ hour)	Amiad, Azud, Tecnidro Italy or equivalent	1.00	Nos