

## Technical Specification of Dancing Fountain

Indent no. 20154788

S.N.	Description	QTY	UNIT
1	6 feet Dia. GI Ring Pipe Size 2" Heavy duty B Class Tata/ Jindal having 50 nos. 3/4" GI Nipple welded on the top and 4 Nos. Legs with clamp and other connecting pipe with all accessories	1	No
2	Heavy Duty Stainless steel SS 316 or Cast Bronze and Brass, <b>Crown Jet Swing type Nozzle</b> , Nozzle suction Size 3/4" BSP ID. complete in all respect	110	Nos.
3	Heavy Duty Stainless steel SS 316 or Cast Bronze and Brass, <b>Vertical Jet Nozzle</b> , suction Size 2" BSP ID, with swing joint	1	No.
4	Submersible Monoblock 5 HP Pump 3 Phase Crompton make	3	No.
5	Submersible Monoblock 3 HP Pump 3 Phase Crompton make	2	No.
6	Electrical Control Panel board Dustproof / water proof double door type powder coated 16 Gauge C.R. sheet fabricated with hinged front door, back wall mounting with provision for inlet & outlet entry having Amp meter, Volt meter, MCB, contactor, overload relays, fuses, Indicator lamps, capacity, push button complete internal wiring with codes. Lighting system shall be connected by a separate switch & fuse suitable for pumps, lights SMPS. Panel should be complete in all respect suitable for 3 No. of 5 HP and 2Nos. 3HP Pumps. Complete in all respect.	1	No.
7	Electronic Various speed drives RBM controler for 5 HP 2 Nos. pump	1	No.
8	Electronic Various speed drives RBM controler for 5 HP 1 No. pump	1	No.
9	Electronic Various speed drives RBM controler for 3 HP 2 Nos. pump	1	No.
10	Electronic Master controler for control all drives in various sequance and various time	1	No.
11	High Reflected Low Consumption Multi <b>color</b> with remote Microprocessor based Under Water SMD Lights 12 V, 10 Watt , IP 68, Size :- dia 70m, height 100 m High Quality Aluminum pressure die casting Body, surface oxidated coating with heat resistant and tempered Glass, High quality transparent silicon Epoxy filled inside the Light to protect from heat & Water with Stainless steel Gland for double insulated 2 core 1 mm dia cable Light should be fully waterproof when immersed in water with Excellent Finishing . Complete in all respects.	40	Nos.
12	High Reflected Low Consumption Micro processor based Under Water LED Lights 12 V 5 Watt ( 5 nos. x 1 watt LED in each Light) IP68, Size :- dia 68m, height 100m Hight Quality Aluminum pressure die casting Body, surface oxidated coating with heat resistant and tempered Glass, High quality transparent silicon Epoxy filled inside the Light to protect from heat & Water with Stainless steel Gland for double insulated 2 core 1 mm dia cable Light should be fully Waterproof when immersed in Water with Excellent Finishing.	10	Nos.
13	Power Supply ( SMPS) for the required capacity (12V 250W) of LED Light .	6	No.
14	Stainless Steel Light Stand Provision for 1 Nos. Lights fitted on each Stand	40	No.
15	Stainless Steel Light Stand Rig Type Provision for 10 Nos. Lights fitted on Stand	1	No.

S.N.	Description	QTY	UNIT
16	Cable for Pump :- 4 mm 3 core copper conductor double insulated Submersible Cable ISI mark Plaza / Shlimar / Kalinga make with 1" conduit pipe (Kissan make) complete in all respect.	200	Mtr
17	Cable for Lights :- 2.5 mm 3 core copper conductor double insulated Submersible Cable ISI mark Plaza / Shlimar / Kalinga make with 1" conduit pipe ( Kissan make) complete in all respect.	100	Mtr
18	Cable for Lights :- 1.5 mm 2 core copper conductor double insulated Submersible Cable ISI mark Plaza / Shlimar / Kalinga make with 1" conduit pipe ( Kissan make) complete in all respect.	300	Mtr
19	Complete Plumbing work with G.I. pipe 'B' class TATA / JINDAL and G.I. Fittings, Accessories such as Tee, Bend, Socket, G.I. clamp with Rubber Gasket, Nuts & Bolts complete in all respect.	1	Job

**1 Other terms and conditions:-**

- All civil works shall be carried out by BHEL
- Safe Storage Space for the Material shall be provided by BHEL.
- Necessary power connection near the pump shall be provided by BHEL.
- Water inlet & outlet connection for filling the pool shall be done by BHEL.

**2 Warranty:-**

- Warranty for a period of one year from the date of Installation and commissioning required.
- Gaurantee for a period of **Three** months for LED Light from the date of Installation for defective parts.

*B. Mandal*

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21/01/16