

**CORRIGENDUM TO TENDER DOCUMENT FOR AQUA-FEATURE AND WATER SCREEN
AT RABINDRA SAROBAR**

(Dated: 21.02.2012)

Appendix-B

FINANCIAL BID

Sl. Nos.	Particulars	Unit Price (In Rs)	Units	TOTAL (In Rs)
1.	Floating UFA™ Musical Fountain with imported single directional swing jet, HDPE Floats, Pump Control Panel, sound system, computers, consoles, cable etc. (As per technical specification) with Paddle Boat		1set	
2.	Floating Water Screen 9m (h) x 27m (w)		1set	
3.	5w DPSS Multicoloured Laser with Pent House Grating Effects (make- European Union only)		1set	
4.	16w Green Laser (make- European Union only)		1set	
5.	Video projection system (15,000 lumens)		1set	
6.	Show CAD™ (Licensed software for lifetime validity to run the complete show)		1set	
7.	Construction of Control room & speaker housings as approved.		L. S	
8.	Operation & Maintenance for one year from the date of commissioning			
	TOTAL (In Indian Rupees)			

Rupees (In words)

PRICE INCLUDES

- All costs towards transportation by road
- Supply erection , installation & commissioning
- Shipment worthy packing
- Operation with spares for one year from the date of commissioning.
- Construction of control room & speaker housings at suitable place
- All Tax & Duties etc. as applicable.

PRICE EXCLUDES

- 3-phase electricity supply at the control room with suitable termination

Technical Bid

SI No	Description of Item	Origin	Make	Technical Specification	BIDDER'S RESPONSE
1	FLOATING WATER SCREEN			1 No. Width: 27m Height: 09m Pump: 50hp	
2	VIDEO PROJECTOR		Mitsubishi/ Sony/ Sanyo/ Panasonic	15000 ANSI Lumens (in 4-lamp mode), model delivers first class brightness. The projector has a high contrast optical system that achieves a contrast ratio as large as 1100:1, exhibiting natural and smooth gradation	
3	Multi colored DPSS LASER System	UK/ European Union	Laser Technology/LOBO / from UK or European Union only	1nos x 5.0w multicolored DPSS Laser of max 5amp , technical detail as attached	
4	Green LASER	UK/ European Union	Laser Technology/LOBO / from UK or European Union only	1no x 16.0w Green Lasers	
5	Floating Musical Fountain (with HDPE floats only) Lights, Pumps etc. with paddle boat for maintenance inside the lake		16nos swing jets to be imported from Oase (Germany)/Wet Design (USA)/ Or European union	<p>UFA™ Floating Musical Fountain with 16nos single directional swing jet similar to Dubai Mall/'Bellagio' Las Vegas</p> <p>Total Frame dimension : 70m x 25m</p> <p>Total no. of effect: 167nos (minimum)</p> <p>Control System: ShowCAD</p> <p>No. of lights: 342 nos (PAR)in mini. 5 nos different colours</p> <p>Total Pump : 243HP (total)</p> <ul style="list-style-type: none"> - All nozzles should be chrome plated/brass/bronze/stainless steel only - All fountain frame should 	

				<p>be of aluminum (conforming to IS:7092 (part-I & II))</p> <ul style="list-style-type: none"> - All pipelines should be made of steel (galvanized or Epoxy coated) - Air compressor (if reqd) 	
6	Penthouse Grating Effect for Laser show.	UK/ European Union	UK or European Union only	<ol style="list-style-type: none"> 1. Polysector grating with ten positional effects. 2. Burst-grating roatative, speed adjustment over DMX (from Pangolin). 3. Polysector Grating and Burst Grating overlaid. 4. Machido grating (static spread of beams). 	
7	CONTROL PANEL			OK	
8	SHOW CONTROLLER			Only 'ShowCAD' software to be used	
9	CABLES			Appropriate (different for sound & fountain) cable may be drawn from Panel to Fountain and sound system	
10	SOUND SYSTEM	Amplifier	QSC/ Ahuja	12000w RMS total power amplifier with circuit breaker protection against overload & short circuit.	
		Speakers	Custom enclosure with PAUDIO drivers/ Peavey	12nos 800w RMS input power 2-way with 1 x 15" & 1 x HF drivers Crossover 5kHz	
		Sub Woofers	Custom enclosure with PAUDIO drivers / Ahuja	8nos 800w RMS input power 1 x 18" driver	
		Electronic Crossover	Peavey / DOD / Behringer	1no. 3way mono 24dB filters	
		Mixer	Yamaha / Peavey	1no. 6channels with phantom power supply	

		Others		Low loss copper cabling, connecting cables & connectors Equipment rack.	
11	Operation for 1 st Year			Operation & maintenance for the entire fountain complex for a period of 1-year from date of commissioning (including spares)/ Handing over .	
12	PADDLE BOAT			All logistics are to be ferried to the island and put in the control room also for maintenance.	
13	FLOATING ARRANGEMENTS			Floating should be in the form of Multiple HDPE cubes joined together, all fountain framework, accessories will be mounted on the floats	
14	CUSTOMISED SHOW			Customised show as per script provided by WBPCB has to be created with background music , voice overs , video & laser on water screen. The duration should be minimum 30minutes.	

1. Under Notice Inviting Tender:

1. **S.No. 1.** Name of work:

Supply Installation & commissioning of Floating Ultra Fast Action (UFA) musical fountain on HDPE floats of minimum 70m(l) x 25m(b) with Floating Water Screen, 5w DPSS coloured Laser, 16w Green Laser & 15000 lumens Video Projection including construction of Control Room & speaker housings.

2. **Under 1.2 point (c) under Tender Notice**

Similar work is defined as : Multimedia Laser show with Musical Fountain preferably Floating.

3. **Under 1.2 point (g)**

To ensure continuity of service and accountability the bidder should be an India based registered company with distributorship of laser from any manufacturer of European Union & should have manufacturing capability of fountains & water screens in India. The Manufacturing facility should be available for inspection within 5days notice.

4. **Under 1.2 point (k)**

Should not have incurred any loss in more than one year during last three years .

Should have a solvency of Rs.2.0 crores (**Certified copy from bankers in original to be provided**)

5. Under 1.2 point (I)

The bidder must produce valid trade license/ Memorandum of Understanding, Article of Association , last three years income tax return , Last three years audited balance sheet duly signed by the Chartered Accountant

6. All Test & Guarantee certificates , Operation & maintenance Manual to be provided in four sets.

SECTION I

BRIEF DESCRIPTION OF WORK

S.No. 1

Supply Installation & commissioning of Floating Ultra Fast Action (UFA) musical fountain on HDPE floats of minimum 70m(l) x 25m(b) with Floating Water Screen, 5w DPSS coloured Laser, 16w Green Laser & 15000lumens Video Projection including construction of Control Room & speaker houses.

Scope of work:-

a) LASER SYSTEM:

Ist line -**1no. 5.0w DPSS laser & 1no. 16.0w Green Laser** with electronics in a compact housing along with scanner.

I3&14 line- Customized show of 30minute duration where laser graphics with video projection on water screen and floating musical effects are synchronized as per the script given by Pollution control board. The bidder will have to create the storyline with video , music score, voice over & graphics.

- Complete operation of the musical fountain with spares for 1-year.

b) Floating Musical Fountain.

- Design drawing of the entire musical fountain general arrangement with HDPE floats for holding the fountain frame
- Waterproof coloured lights as per IP67 with waterproof wiring & control panel.
- Electrical supply panel should be as per IP55 rating.
- Operation of the floating Musical fountain with spares for 1-year

c) Floating Water Screen:

- Operation of the floating Water Screen with spares for 1-year

d) Video Projection System:

- Video projector having an output of **15000 lumens**

e) ShowCAD:

- Only ShowCAD software to be used to control the entire show.

f) CIVIL & ALLIED WORKS

- **Design , Drawing & Construction of Control room & Speaker enclosures duly approved by the authority.**

UNDER SCOPE OF SUPPLY:

Under Included in the offer.

1. **1no. 5.0w DPSS laser & 1no. Green laser (Laser Technology , UK OR **LOBO Germany** / equivalent only) designed & manufactured compact laser projectors including scanners.**
2. **Delete---1no. Green laser**
10. **Customized show of 30minute duration where laser graphics with video projection on water screen and floating musical effects are synchronized as per the script given by Pollution control board. The bidder will have to create the storyline with video , music score, voice over & graphics.**