



**TAKHAT SACHKAND SHRI HAZUR ABCHALNAGAR
SAHIB GURUDWARA BOARD, NANDED**



REQUEST FOR PROPOSAL (RFP)

For

“SETTING - UP OF SUPER FAST ACTION MUSICAL DANCING FOUNTAIN

INTEGRATED WITH

MULTIMEDIA LASER SHOW AND VIDEO PROJECTION ON WATER SCREEN”

At

Gobind Baugh, NANDED

Issued by: -

Superintendent

Gurudwara Sachkhand Board

Nanded, Maharashtra, INDIA

March 2008

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NOTICE INVITING PROPOSALS



**Takhat Sachkhand Shri Hazur Abchnagar Sahib Gurudwara Board,
Nanded, Maharashtra**



Invites Proposals For Setting up of Super Fast Action Musical Dancing Fountain integrated with Laser and Video Projection on a Water Screen at Govind Baugh, Nanded

Sealed Bids are invited in two envelope system by the **Superintendent, Gurudwara Sachkhand Board, Nanded**, for “**Setting up of Super Fast Action Musical Dancing Fountain integrated with Laser and Video Projection on a Water Screen at Govind Baugh, Nanded**”. In preparation for **Guru-ta-Gaddi Tercentenary Celebration** scheduled in Nanded during the month of October – November 2008, the Gurudwara Sachkhand Board is developing Govind Baug where the said Project needs to be commissioned. The Work must be completed in all respect on or before 30th September 2008. The Project envisages to set-up Musical Fountain over a Pool Size of 75 m X 29 m with provision for Water Screen (size 54 m X 18 m) for the purpose of displaying Diode Pumped Solid State (DPSS) Laser and high lumen Video projections on Water Screen. It must be noted that all features, including Water Works, Music, Laser and Video Show needs to seamlessly synchronized so as to generate mesmerizing Shows for minimum 3000 spectators. The estimated cost of the Project is Rs. 5.50 Crores inclusive of FIVE (05) years operation & maintenance charges.

Eligibility Criteria

- The Bidders may be (i) an Individual, (ii) a Registered Partnership Firm, (iii) or a Company including a Joint Venture Company incorporated under the Companies Act 1956 (iv) Joint Venture of any combination of (i), (ii), and (iii), and shall have proven capability and experience in setting-up Musical Fountain, in general, and Super Fast Action Musical Dancing Fountain integrated with Laser and Video Projection on a Water Screen, in specific.
- The Bidder should have an average Sales Turnover more than Rs. 8.0 Crores during last FIVE (05) years. Out of this Total Sales Turnover, during last FIVE (05) years, an average minimum Sales Turnover of Rs. 3.0 Crores should come from Works related to setting-up Super Fast Action Musical Dancing Fountain integrated with Laser and Video Projection on a Water Screen.
- In case of a Joint Venture / Association / Consortium, the Principal Fountain Manufacturing Company will be treated as the Leading Participant for the said Project.
- Bidders having experience of operating & maintaining such integrated Fountains for minimum ONE (01) year, post commissioning would be preferred for awarding the contract.

The first Envelope i.e., Technical Offer shall contain credentials of the Bidder; Technical Proposal with Bill of Quantities with itemized costs; Detail lay-out Plans; Hydraulic and Electrical Network Drawings, a copy Video CD/DVD demonstrating similar Fountain Shows executed in last FIVE (05) years.

Bidding Procedure: Single Stage Bidding

Cost of RFP Document: Rs. 10,000/-; As Cash / DD		Earnest Money Deposit: Rs. 6.00 Lakhs, As DD / FDR		
Sale of RFP Document	Pre-Bid Meeting	Bids Submission	Technical Bid Opening	Commercial Bid Opening
29/03/2008 to 12/04/2008; From 11.00 Hrs. till 17.00 Hrs.	07/04/2008; At 11.00 Hrs. at Khalsa College, Matunga, Mumbai.	14/04/2008; till 15.00 Hrs.	16/04/2008; At 16.00 Hrs.	Shall be informed to Technically Qualified Bidders, Officially.

For RFP related inquiries, the Bidders may contact the following: -

- Superintendent, Gurudwara Sachkhand Board: 0 99 602 933 93; 0 24 62 – 24 35 59 (Tel.) / 23 48 12 (Fax)
- Gurudwara Engineer, Gurudwara Sachkhand Board: 0 98 600 90 336
- Director, Fortress Financial Services Ltd.: 0 98 202 92 754
- Senior Manager, Fortress Financial Services Ltd.: 0 98 925 939 94

The RFP Document is available for purchase on payment of Document Charges in favor of Superintendent, Gurudwara Sachkhand Board, Nanded. The RFP Document can also be accessed at www.hazursahib.org. The Bidders choosing to download the Document from the website shall pay towards the Document Cost at the time of Bid submission. The Site visits to the Govind Baug can be made in consultation with the Superintendent, Gurudwara Sachkhand Board during Office hours. Superintendent, Gurudwara Sachkhand Board, Nanded, reserves the right to reject any or all Bids without giving any reasons there for.

**Gurudwara Engineer
Gurudwara Sachkhand Board**

**Superintendent
Gurudwara Sachkhand Board**

TENDER DOCUMENTS

Technical and Commercial Bids are invited from reputed Bidders having prior experience in Designing, Supplying, and Commissioning with limited period Operation & Maintenance functions related to Works involving seamlessly integrated Multimedia Project involving Water effects, Light, Musical Fountain, Laser and Video Projections Show on Water Screen at Gobind Baugh, Nanded.

NIT No. : No.

DATE:

IMPORTANT

The Tenderer must return these Tender Documents on accepting the terms and conditions of the Tender and quoting the rates duly signed on each page in token of their unconditional acceptance of the terms and conditions of Tender, failing which their tender will not be considered. Bids should be put in a sealed envelop super scribing -

“Bids for Super Fast action Musical Fountain integrated with Multimedia Laser show and Video Projection on Water Screen at Gobind Baugh, Nanded”

CONTACT PERSON FOR TENDER:

The Suprintendent

Gurudwara Sachkhand Board

PHONE: 0 24 62 – 24 35 59 (Tel.) / 23 48 12 (Fax)

Last Date of Purchasing: 12/04/2008

TIME: 17.00 Hrs.

PLACE FOR SUBMISSION OF TENDER:

Suprintendents’ Office, Gurudwara Sachkhand Board, Nanded

IMPORTANT DATES

PRE-BID MEETING:

DATE: 07/04/2008

TIME: 11.00 Hrs.

PLACE: At Khalsa College, Matunga, Mumbai

BID SUBMISSION:

DATE: 14/04/2008

TIME: 15.00 Hrs.

TECHNICAL BID OPENING:

DATE: 16/04/2008

TIME: 16.00 Hrs.

COMMERCIAL BID OPENING:

The exact date and time will be intimated to the successful bidders who have qualified on the basis of Eligibility and Technical Qualification Criteria mentioned in the RFP Document.

PLACE FOR OPENING:

Suprintendents' Office, Gurudwara Sachkhand Board, Nanded

**VALIDITY OF OFFER: Offers should be kept valid for NINTY (90) days
from the date of opening of Technical Bid.**

1.0 GENERAL EXPRESSION

- 1.1. The Proposals are being invited by the **Superintendent, Gurudwara Sachkhand Board**, from reputed Firms for Designing, Supplying, and Commissioning with limited period Operation & Maintenance functions related to Works involving Super Fast action Musical Fountain integrated with Multimedia Laser show and Video Projection on Water Screen at Gobind Baugh, Nanded. The integrated Fountain System must be **kept ready for use on or before 30/09/2008**, including completion of Trial runs, post commissioning. The said Work involves production of shows/spectacles of the required standard for which the Bidder must offer a system whereby the sub-systems e.g., Fountain works, Music, Video and Laser Shows are integrated into a seamless and continuous show/spectacle through Computer / Electronic Controlled Systems. The Bidders are not just to deliver an engineering project but to have a demonstrated ability to integrate engineering with a creative and artistic process to produce a complete show/spectacle in tune with various themes.

2.0 CONCEPT AND LAY-OUT PLAN

2.1. Concept Plan



(The above picture profile is only indicative in nature)

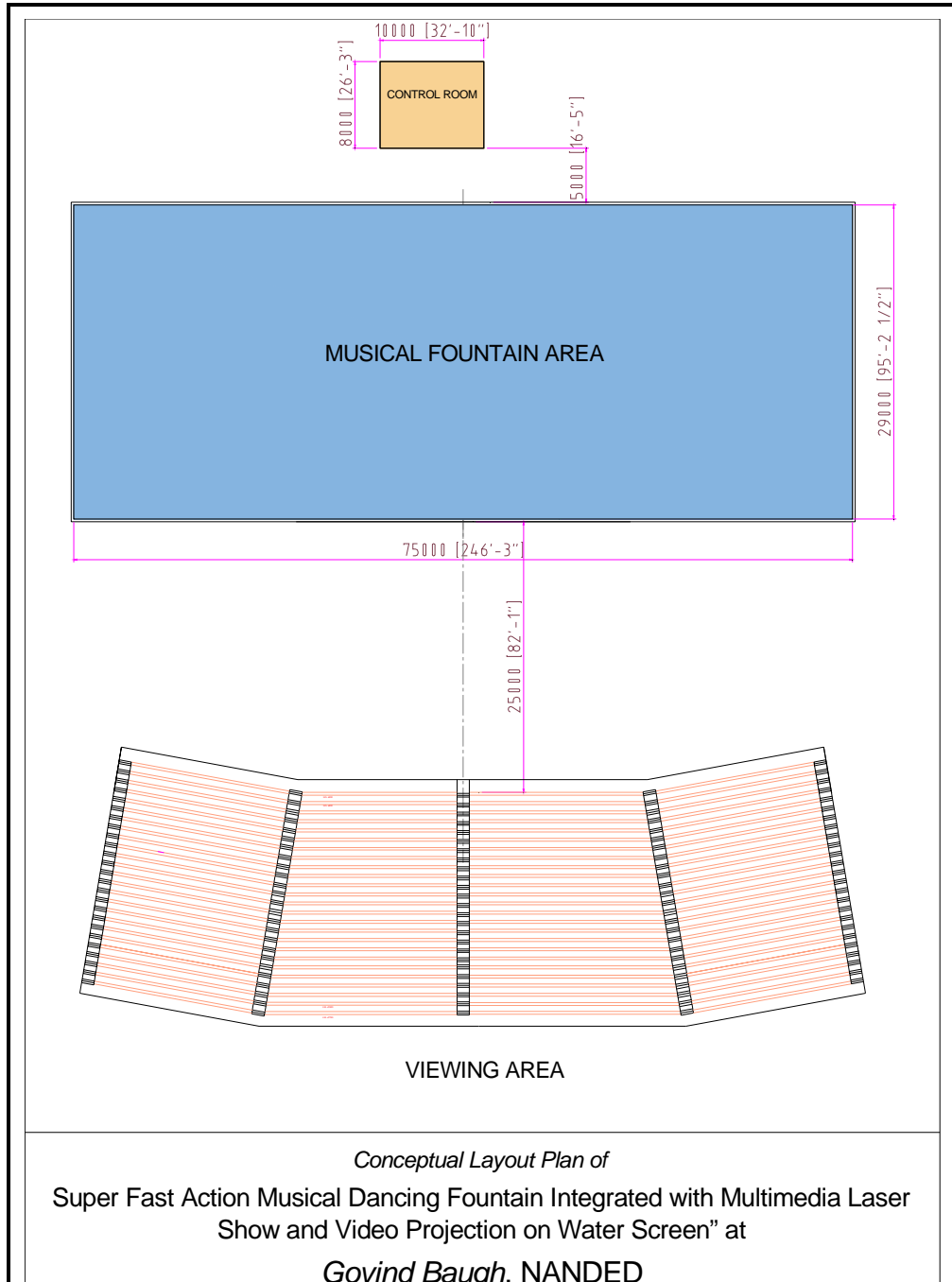
The Bidders shall endeavor to design, fabricate, install & commission the said Fountain System while integrating below mentioned Features, but not limited to the followings –

S.N.	Features	Descriptions
A.	<p>System / Plant</p> <p>Super fast action musical dancing fountain <i>Integrated with</i> Multimedia laser show and video projection on water screen for creating mesmerizing shows for <i>minimum 3000 spectators</i></p>	<p>To achieve spectacular and seamless integration of Musical Fountain actions together with Video & Laser Show, activated through Pneumatic / Hydraulic / Digital / Analogue Components, controlled by Computer /Electronic Control Systems, thus making the total system amenable for customization & synchronization.</p>

S.N.	Features	Descriptions
B.	Pool Size	75000 mm X 29000 mm (Minimum)
C.	Control Room Size	10000 mm X 8000 mm (Minimum)
D.	Software & associated Hardware Solutions	To consist Proprietary Software / Library Programs Commands implemented through Electronic Systems like PLCs, Variable Frequency Drives etc., capable of customizing & synchronizing the responses of Water Jets, Lights, Music, Video Projections and Laser systems without any visible discontinuities / time-lags.
E.	Water Effects	Patters / Grids to be installed within the Fountain Area as given below: - <ul style="list-style-type: none"> ▪ Linear Grids ▪ Circular Grids ▪ Wing Patterns ▪ Wing Linear Module ▪ Water Screen (54000 mm X 18000 mm) ▪ Super Fast Action Jets ▪ Any other attractive Pattern <i>Maximum Preferred Height of the Water Jets: 18 meters</i>
F.	Architectural Fountain	<ul style="list-style-type: none"> ▪ Foam Bubbblers (0.75 meters minimum preferred height) ▪ Aerated Jets (15 meters minimum preferred height)
G.	Musical Systems	Musical systems with Amplifiers, Woofers, Speakers, Audio-mixers etc
H.	Lights System	LED / PAR Lamps with suitable Wattage ratings and multiple color effects
I.	Video Projection Systems	LCD systems capable of emitting powerful Lumens for the purpose of Video Projections, clear enough to distinguish from maximum viewing distance
J.	Laser Systems	Multicolor (16 million) and Computer / Electronically controlled Diode Pumped Solid State (DPSS) Lasers of reputed Brands.

The above description is indicative of envisaged System and suggested means of operation. The Bidders are encouraged to suggest alternative arrangements / configurations so as to design the Project with a sole objective to make it user-friendly, amenable for customization, optimum in cost and designing.

2.2. Lay-out Plan



The Project Area lay-out Plan, Pool Size inclusive of Water Screen Size are suggestive in nature. The Bidders endeavoring to design the Fountain System within the estimated budget are encouraged to suggest any modifications essentially required as per the submitted Technical Proposals.

3.0 TECHNICAL REQUIREMENTS

For the purpose of designing the Fountain System, the Bidders are encouraged to adopt below given Specifications / Mode of Operation / Brands. The Bidders may choose to incorporate *alternatives*, provided the end results are achieved, and the system & its components function in a reliable manner.

S.N.	Systems / Components	Descriptions
1.	Music System	Amplifiers of suitable Wattage with matching speakers sub woofers, audio mixer, and low loss copper cabling, electronic crossover. Internationally Reputed Brands like Bose / Yamaha etc preferred
2.	Pressure manifold	Galvanized Steel – Medium Class, Jindal / Bansal /Operative Equivalents
3.	Fountain frame	Aluminum Extruded Channel – Jindal /Century /Operative Equivalents
4.	Grid pipes	Extruded Aluminum alloy- Jindal /Century /Operative Equivalents
5.	Grouting/Supporting stands	Galvanized steel- Medium Class, Jindal /Bansal /Operative Equivalents
6.	Connecting Feeder Pipes	Steel (galvanized and/or epoxy coated). Heavy duty PVC, Hydraulic hose
7.	Nozzles	Brass, Bronze, Stainless Steel , Aluminum alloy-epoxy coated.- Proprietary / Branded
8.	Control valves	Gunmetal/CI (ISI marked) H.M/Vijay
9.	Electrical Panel	Built-in fully Automatic Unit comprising of Sheet steel enclosure, Ammeter/Voltmeter, Selector Switch, main incoming MCCB (GE, L&T), Terminal connector (Salzer, Elmex), Thermal L/L unit (GE and L&T) Star-Delta Timer (GE, L&T), Start-Stop Switch (Russ/L&T) and any other required components.
10.	Relay Panel	Built-in fully Automatic Unit comprising of Sheet steel enclosure, Mains MCB/MCCB (GE / MDS / Havel) Relays (PLA, Gilard, OEN) contactors (GE, L&T), Terminal connector (Salzer, Elmex) Electric Panels needs to be protected against dust and jets of water as per rating IP-55 / relevant Approved Standards with Test Reports.
11.	Control System	Computer / Electronic Control Systems with proprietary Application Software. The system to operate on multiple Music Operating Devices where the music/songs are stored as a high quality digitalized Musical file. The Music File, through appropriate application software needs to be converted into digital / analogue signals that control the water effects and Lights by switching them through various control units at the exact programmed points. The music files, for a play list for a show needs to be selected and assembled in desired sequence. The Control should then run the entire show automatically, sending the Musical output to the Amplifier, Speakers, Lights and the Fountain. In this way the shows needs to be varied and selected according to demand.

S.N.	Systems / Components	Descriptions
12.	Solenoid Valves	Branded or Proprietary made of Brass/ Gunmetal/ Stainless Steel
13.	Strainer(s)	Stainless Steel mesh
14.	Lights	LED / PAR Lamps with appropriate Watt Ratings and Color Effects having IP 67 / relevant Approved Standards with Test Reports.
15.	Waterproof Wiring	Copper conductors, double insulated PVC Core Cable for Heavy Duty Applications (Finolex /Jainson /Havell /Operative Equivalents) Copper conductors, double insulated PVC Core Cable for low Duty Applications (Lapp/Havell's/National/KDK/Operative Equivalent) The System should be made sturdy by providing adequate Earthing as well as High Voltage / Current safeguards
16.	Hardware	Plated or galvanised Steel, Wood , Glass, Sunmica
17.	Pumps	Submersible- KSB/CALAMA/TEXMO/WORTHINGTON// OPERATIVE EQUIVALENTS
18.	Air Compressor	INGERSOL RAND/LG/ OPERATIVE EQUIVALENT – Reciprocating type or Pumps driven Variable Frequency Drives or the combination of these, as the case may be
19.	Electricity Supply	As per KW & Frequency Rating proposed for the Fountain System

The above mentioned Technical Specifications are suggestive in nature. The Bidders can incorporate different Technical Specifications as suited to the Designs Proposals submitted as the part of the Bid Documents. The Client, Gurudwara Sachkhand Board invites Technical Bids which are suited to the Budgeted Project Cost and yet are User Friendly.

The preferred choice of Technology and Brands directly depends upon ease of Operation and Maintenance aspects.

4.0 EQUIRED SYSTEM CONFIGURATION

4.1. Water Effects

The Bidders are to work out the configuration of Water Fountain by incorporating the following Patterns / Grids –

- A) Central Linear Grid
- B) Circular Grid
- C) Wing Patterns
- D) Wing Linear Module
- E) Architectural Fountains
- F) Water Screen

The Bidders working on Designs of the proposed lay-outs / Patterns of Fountain Nozzles should specify the Number of Units, Fountain Heights, Movement Pattern and other key aspects.

4.2. Laser and Video Projection Systems

The Bidder should use DPSS lasers manufactured by reputed companies & LCD Video-Projectors for the Multimedia Show. The number of DPSS Laser Units and Lumen Capacity of the Video Projectors are directly dependent on the Deigns Proposals derived by the interested Bidders. The Bidders are requested to note that Video Projector Technology is constantly evolving and developing, and to take the advantage of the latest technology and availability of models, the Bidder will have to supply suitably from a range of reputed and leading manufacturers.

4.3. Other Supporting Networks and Components

The Bidders are encouraged to design the Fountain System which is cost effective & which provides value for money, by adhering to desired factor of safety considerations, but not leading to over-designing and also meets the adequacy of the Show / Content.

5.0 DEFINITION OF SATISFACTORY COMPLETION OF THE PROJECT

The Project shall be declared as successfully commissioned if it is finished, constructed and performed according to the following norms:

- a) Demonstration by Bidder / Contractor to the **Gurudwara Sachkhand Board** that all systems function correctly
- b) Fountains, Music, Laser and Video Systems actions are properly synchronized and all fittings are fitted as per specifications & networks as detailed in the Engineering Drawings
- c) The entire unit performs trouble free for a period of TWO (02) hours Shows in a day for SIX (06) consecutive days. Commissioning stage Tuning and adjustments of the fountain and the water cascade shall be allowed only during the trial runs, but not during the observation period.

The assessment of the Fountains shall be purely objective in nature and elements such as Quality of Outputs – Lights, Musical, Clarity of Video & Laser Show; Synchronization; Attractiveness; Overall Ambience related results / performance shall only be compared with results / performance parameters as recorded for the given concept(s) / script(s), and **mutually agreed** and recorder in camera by the Contractor and Client before commissioning the Project, for comparison, during Operation & Maintenance Period.

6.0 SCOPE OF SUPPLY

For Installation & Commissioning of the Project involving Synchronized Fountain, Light, Music, Laser and Video Projection Show

6.1. MUSICAL AND ARCHITECHTURAL FOUNTAINS

⌘ *To be Included in the Offer:*

- Drawings for basic pools, pump room and for control room as applicable.
- Electric pumps, pipe work and valves, Manifolds, solenoid valves, regulating valves, pipe work and connections.
- Mounting frames, fittings and brackets for water effects and lights, etc.
- Water effects, mountings and connections.
- Waterproof colored lights, waterproof wiring and control panels.

- Master control console with electronic controller, monitor speaker switch panel with indicators and contactors.
- Wiring including waterproof wiring for solenoid valves. Electrical supply panels with pump starters, distribution busbar, switch fuse units, indicator lights, voltmeter and ammeter
- Filtration Unit to filter the water used for creating Fountains with the help of Nozzles.
- Air conditioner for Control Room (as dust free & controlled Temperature Environment needs to be maintained for critical electronic units)
- Installation of the musical fountain (electrical and mechanical) on site, Technical Training of the Customers' Operator(s) for a period of 30 days at the time of Installation & Commissioning.
- Train Gurudwara Sachkhand Board Engineer and their representatives for operating & maintaining Musical & Architectural Fountain, and Hydraulic, Pneumatic, Electrical and associated Software Systems
- Anything not specifically mentioned is excluded.

⊕ ***To be provided by the Client:***

- All civil work (pool, pump room, control room, etc.).
- Water supply and connections.
- Dewatering arrangements for pool and pump room (as required).
- Drainage and overflow arrangements.
- Electricity connection and customer supply board with meter etc. and capacitors as required.
- Electrical wiring and fittings for lights, fans in pump room, if required.
- Voltage stabilizer, other than supplied for the control panel, if required.
- Enclosures to house speakers (will depend on site and requirements).
- All security arrangements and protection against rodents and vermin, and litter in pool.
- Any security or other fencing
- General or security lighting.

⊕ ***On supply of materials to site and during installation, customer should provide the following:***

- Safe storage and security of material and installation.
- All unskilled labour for unloading, loading, carrying erection etc.
- Site representative for liaison and assistance.
- Any specialized assistance required at time of installation

6.2. DPSS LASER SYSTEMS

I. To be provided by the Bidder

- Laser gun with electronics in a compact housing along with scanner.
- Computer based control system, interfaces and leads to connect with Laser.
- Control integration for synchronization of Musical Fountain with Laser

- Suitable Software to enable shows to be loaded and run and also enables the development of simple routines such as messages.
- Should include an auto play feature to generate a laser show from MP3 audio and an excellent entertainer that enables the latest numbers to be played or musical fountain sound output to generate an accompanying laser display.
- A library of Laser programmes The library should contain wide varieties of Laser Shows including graphics, animations, beam shows, stories etc. (These needs to be standalone laser entertainments not specifically for musical fountain integration) and one Standard Show (not customized or video) of 20 minute duration where laser graphics and musical fountain effects are synchronized.
- Train Gurudwara Sachkhand Board Engineer and their representatives for operating & maintaining DPSS Laser System and associated Software Systems and Electronic Units.

II. Conditions

- The warranty for the Laser Diode Assembly needs to be for 3000 hours or 12 months whichever is earlier.
- The warranty needs to be provided as per the terms of the original manufacturer.
- Typical life of Laser Diode Assembly should be 10,000 hours.
- Control room for the Laser Diode Assembly will be made air-conditioned by the Gurudwara Sachkhand Board.
- All needs to work from single phase supply.
- Cost for any customized show is not included in this scope of supply for the successful Bidder.

7.0 ELIGIBILITY CRITERIA

1. The Bidder may be (i) an Individual, (ii) a Registered Partnership Firm, (iii) or a Company including a Joint Venture incorporated under the Companies Act 1956, (iv) Joint venture of any combination of (i), (ii), and (iii) and shall have proven capability and experience in setting-up Musical Fountain, in general, and Super Fast Action Dancing Fountain integrated with Laser and Video Projection on a Water Screen, in specific.
2. The Bidder should have a Turnover of minimum Rs. 8.0 Crores in the last (05) FIVE consecutive years. Out of this Total Sales Turnover, minimum of Rs. 3.0 Crores should come from Works related to setting-up Super Fast Action Musical Fountain integrated with Laser Video Projection on a Water Screen. This should be substantiated by Copies of Audited Balance Sheet.
3. To produce shows/spectacles of the required standard for which the Bidder must offer a system whereby the component parts e.g., laser, musical fountain; video and sound are integrated into a seamless and continuous show/spectacle by a central show control system. The Bidders are not just to deliver an Engineering Project but to have a demonstrated ability to integrate engineering with a creative and artistic process to produce complete shows/spectacles.
4. In case of a Joint Venture / Association / Consortium, the Principal Fountain Manufacturing Company will be treated as the Leading Participant for the said Project.

5. The Bidder should have hands on experience of executing/order received at least ONE (01) seamlessly integrated Multimedia Project involving Water effects, Light, Musical, Laser and Video Projections Show in India or abroad of not less than Rs. 2.50 Crores in last FIVE (05) years. The Project should consist of Musical Fountain, Water Screen, Video Projection and Laser – all integrated through Computer / Electronic Show Controlling Unit.
6. Bidders having experience of operating and maintaining such integrated Fountains for minimum ONE (01) year, post commissioning would be preferred for awarding the Contract. Work Order/Contract/Agreement copies should be enclosed as proof.
7. The Bidder / OEM should have ISO: 9001:2000 or equivalent certification. Copy of the certificate should be enclosed.
8. If the Bidder does not happen to be the OEM for any of the prescribed system or its essential components, it should be an authorized dealer/distributor of a repute for all such non-manufactured part. In any case, the OEMs' Manufacturing facility should be available for inspection.
9. The Bidder should have experience in the field of similar Hydraulic / Pneumatic / Control Technology with respect to supply and installation of Musical Fountains for more than Seven (05) years. Work Order/Contract/Agreement copies should be enclosed as proof.
10. Bidder should have supplied at least ONE (01) similar Super Fast Action Musical Fountain matching the Technical Specifications Tendered for. That Fountain should be in running condition and should be available for inspection, in India or abroad, by **Gurudwara Sachkhand Board** Officials.
11. The Bidder should preferably demonstrate similar Products offered in the Technical Specifications in form of a Video. A copy CD/DVD to be submitted at the time of submission of Bid Documents.
12. Considering the contemporary technology involved and limited period available for execution, the Superintendent, Gurudwara Sachkhand Board, may relax any key tender conditions so as to ensure completion of the aforesaid work, satisfactorily.

8.0 ESSENTIAL SUBMISSIONS

The Bidders should submit the following Documents /Records:

1. Organizational details: -
 - a. Name of the Firm
 - b. Nature of the Firm: Company / Proprietary / Partnership / JV
 - c. Date of Establishment/ Incorporation
 - d. Photocopy of the Firm Registration No. allotted by Service Tax Department.
 - e. Copy of Memorandum of Article / Article of Association or Byelaws
 - f. Names of Board of Directors/Trustees/ Partners / Promoters, as applicable

- g. Details of Technical Staff and Administrative staff with bio-data of key personnel
 - h. Credentials of similar Projects undertaken in India & Abroad, of similar scale & events
 - i. Audited Balance sheet of the last three years
 - j. Photocopy of PAN / TAN Card of the firm showing the PAN / TAN allotted by the Income Tax Authorities
2. The Technical Bid shall contain **EMD** in the form of D.D/FDR valid for a period of 3 months, issued by Nationalized Bank, of **Rs. 6.00 Lakhs** amount (Refundable), in favor of **“Superintendent, Gurudwara Sachkhand Board”**, payable at Nanded.
 3. The Technical Bid with all details including Bidders Credentials, Work Experience, Financial Results, Layout Plans, Hydraulic and Electronic / Electrical Network Drawings, Videos, All Certificates & supporting related to above Eligibility criteria and other Technical Specifications as mentioned in the RFP Documents.
 4. **Part B: Commercial Offer** should be inclusive of all Statutory Taxes; Duties & Local levies (refer *page No. 23*). The **Final Commercial Offer** should also include **“Yearly Charges of Operation & Maintenance (O & M), to be identified separately”** of the entire Unit / Plant for a period of FIVE (05) year from the date of installation and commissioning. *The O&M Cost should include Salary Cost of Contractors Employees and any replacements of Parts/Components under the Planned Maintenance Schedule. For the Incidental Cost in terms of defective / worn-out components identified during cases of Break-down instances (during Trail-Run and O&M Period) can be claimed from the Client as per actual. The Contractor, operating as an O&M Contractor should submit the standard Price List for BOQ Items before 30 June of the current Financial Year, and the Item Prices should remain enforce till June end next Financial Year.*
 5. A copy of the video CD/DVD for demonstrating relevant products with respect to Tender.
 6. A copy of ISO: 9001:2000 or equivalent certification held by the OEM
 7. The luminaries should be waterproof and should have an IP67 / equivalent Rating certified through Test Reports. A copy of the Test Certificate to be submitted, without failure.
 8. The Electrical Panels shall be protected against dust and jets of water per rating IP55/ equivalent Rating and shall have been tested and certified through Test Reports. A copy of the Test Certificate to be submitted, without failure.
 9. Proof of Company’s having average Sales Turnover more than Rs. 8.0 Crores during last FIVE (05) years. Out of this Total Sales Turnover average minimum of Rs. 3.0 Crores should be from similar Fountain sales during last FIVE (05) years. A copy of audited Balance Sheets to be enclosed.
 10. Complete Office address with relevant phone numbers TWO (02) Key Personals representing Management, Design, Manufacturing, Sales and After Sales Service Departments should be submitted, without failure.

9.0 BIDDING AND EVALUATION PROCEDURES

1. The Bid are invited in two-bid system: **Part A: Technical Bid & Part B: Commercial Offer**
2. First **Part A** will be opened to ascertain the credibility of the Bidders, both with respect to past experience, financial strengths, clarity in Engineering related Information / Drawings / Bill of Quantities, Itemized Rates in specific and responsiveness of the Bid, in general.
3. The Bidders will be ranked objectively based on the contents of the Part A: Technical Bid.

4. Only the Technically Qualified Bidders will be called to their concepts & solutions. This will be followed by visit of Officials of the **Gurudwara Sachkhand Board** to the Factory Works & at least two Working Sites of the Bidder.
5. On completion of the above procedures, the **Part B: Commercial Bids** will be opened.
6. Given the unique nature of the Project and significance of time, i.e. limited implementation period available, the Client reserves the right (or its discretion) invite for negotiation the most technically competent agencies irrespective of the Commercial Bid. The Clients' discretion in this regard will be final (to avoid incompetent agencies).

7. EVALUATION OF BIDS

- a) Only those Bids shall be evaluated which are found to satisfy the compliance requirements
- b) Upon timely submission of the Bid, each Technical and Commercial Offers shall be reviewed for determining whether the submissions meet the criteria for substantial compliance
- c) The capability statement submitted by the Bidder shall be evaluated for the eligibility criteria. The evaluation will be done as outlined below:

S. N.	Criteria	Scoring
1.	Organizational Criteria of the Bidder – includes role and responsibilities of the each Member in case of Consortium / JV	Yes /No
2.	Financial Criteria – meets the criteria set forth	Yes /No
3.	Technical Criteria – includes experience in developing similar Projects and meets the criteria set forth.	Yes /No
	If answer to any one of the three items stated in is 'No', the Bid will be non-qualifying Bid.	

- d) The Technical Evaluation Process may require conducting Meeting with the Bidders or Presentation by the Bidder on their Bids, discussion on their Bids and furnishing further clarification / substantiation.
- e) The minimum aggregate score (“Minimum Qualification Requirements”) upon the evaluation of the Technical Bids should be 70 out of a maximum of 100 Marks.
- f) The break-up of points for each criterion of the Technical Bid would be as follows:

Criteria for Evaluating Technical Bids	Marking Points / Marks
Past Experience in developing similar Projects	20
Past Experience in Operating and Maintaining similar Projects	15
In-house Manufacturing Capabilities of Key Components / Assemblies	20
In-house Capabilities in terms of developing various Operating / Application Software	20
Clarity in Documents mentioning BOQs, Itemized Estimates, and Technical Drawings and Plans	15
Performance Benchmarks Proposed for Achievement	10
TOTAL	100

- g) For evaluation of Technical Bids, following grading shall be adopted:

Sr. No.	Status (Grade)	Percentage Marks
1.	Information not submitted	0%
2.	Submission is far below expectations / requirement (very poor)	20%
3.	Submission is below expectations / requirement (poor)	40%
4.	Submission meets the expectations / requirement (good)	60%
5.	Submission exceeds the expectations / requirement (very good)	80%
6.	Submission far exceeds the expectations / requirement (excellent)	100%

- h) The Commercial Offers of only those Bidders who passes the **‘Minimum Technical Score Requirements’** Criteria, shall be opened for next stage of evaluation.
- i) The **‘L1’ Bidder** identified among those Bidders who meet the **‘Minimum Technical Score Requirements’** Criteria, shall be called for the negotiation.
- j) The **Superintendent, Gurudwara Sachkhand Board**, reserves the Right to *next preferred Bidder*, if the negotiation with **‘L1’ Bidder** fails for the purpose of awarding the Contract.

10.0 OTHER TERMS & CONDITIONS

- No alteration shall be made in the form of Bid. The Bidder must submit the Offer which complies entirely with Detailed Specifications, Quantities and Estimates.
- The Bidder (whether their Bid is accepted or not) and all other recipient of the Tender Documents (whether they submit a Bid or not) should treat the details of the Gobind Baugh Project in Nanded as private and confidential.
- Further, Superintendent, **Gurudwara Sachkhand Board** reserves the right to reject any or all Tender without assigning any reasons.
- The Superintendent, **Gurudwara Sachkhand Board** will not be responsible or liable to pay for expenses or losses which may be incurred by any bidder in the preparation and submission of their Bid.
- The successful Bidder will work under the guidance and supervision of the respective Project Engineer appointed by Superintendent, **Gurudwara Sachkhand Board** for each activity.
- The Superintendent, **Gurudwara Sachkhand Board**, reserves the right to give contract to Firms who have strictly complied with all the Eligibility and Technical Specifications and have previous experience in handling a similar Projects.

11.0 TERMS & SCHEDULE OF PAYMENTS

The Contractor shall be paid on the successful stage-wise completion of the Supplies / Project Execution Activities, as charted-out in Payment Schedule given below, during the Contract Period upon the raising of Bill / Debit Note. *The said payment shall be inclusive of all Statutory Taxes, Duties, Local Levies (i.e., prevalent applicable charges).*

S.N.	Particulars	%age Payable (In INR)
A.	Towards the Project Cost	
I.	On award of Contract	30% (Against Equivalent Bank Guarantee valid till 100% mobilization of Skilled Manpower & Material, at Project Site, in Nanded)
II.	On receiving Certification by Client towards successful mobilization of Total Consignment, with Skilled Manpower, at Project Site, in Nanded	50% (Against Equivalent Bank Guarantee valid till Successful Commissioning of the Project)
III.	On receiving Certification towards successful Commissioning of Work, including Trial Runs, for "Setting-up Super Fast action Musical Fountain integrated with Multimedia Laser show and Video Projection on Water Screen at Gobind Baug, Nanded"	15% (Against Equivalent Bank Guarantee after Successful Commissioning of the Project and 6 Consecutive Day Trail Runs, 2 Hours per Day against Equivalent Bank Guarantee valid till the end one year from the Date of successful Commissioning)
B.	During Operation & Maintenance Period	
I.	O & M Charges	Year-wise "Quoted" Charges (Payable at the end of each completed Year of 5 Year O&M Contract Period)
C.	Balance Part of the Project Cost	5% of the Project Cost (Payable the end of the 5 Years Operation & Maintenance Period)

(For Bank Guarantee Format, refer Annexure I)

12.0 WARRANTY

1. Products manufactured by the Bidder shall be guaranteed against defects arising from faulty materials or workmanship for a period of 12 (twelve) months from the date of commissioning.
2. Products manufactured by Others will be covered as per the Warranty Terms specified by the Original Manufacturer.
3. Misuse, unauthorized repair, failure arising from irregularities in the electricity supply, overloading, lack of servicing and maintenance, incorrect operation, damages by insects & rodents, flooding, consequential damages, normal wear etc. are excluded. Also excluded is the warranty of any consumable items.
4. Any defect(s) or other faults, which may appear in the system, shall be brought to the notice of Bidder immediately in writing by the Customer. If in the opinion of Bidder or the actual manufacturer of the part or parts, the defect(s) is a result of defective workmanship or material, it shall be replaced or repaired free of charge within a reasonable time commensurate with the nature of the defect(s).

13.0 LANGUAGE OF BID

1. All information in the Bid shall be in English language only. Information in any other language shall be accompanied by its translation in English. Failure to comply with this may disqualify a bid. In the event of any discrepancy in meaning, the English language copy of all documents shall govern.

14.0 DEPUTATION OF REPRESENTATIVE FOR NEGOTIATION

1. After opening of the Bid, the Bidder shall depute his representative with full authority for negotiating commercial terms.

15.0 SIGNATURE ON BIDS

1. The Bid must contain the Name and Office Address of the person or persons making the Bid and **each page of the Tender Document (from page No. 1 to 22), Item Specifications & Technical Details and the Commercial Bid must be signed and sealed by the Bidder with his usual signature.** The names of all Persons signing should be typed or printed below the signature.
2. The Bidder's name stated on the Bid shall be exact legal name of the firm.
3. Erasure or any changes in the Bid documents shall be over the initials of the persons signing the bid.
4. Bid not conforming to above requirements and without signature of the Authorized Signatory of the Bidder will be disqualified.

16.0 POLICY FOR BID UNDER CONSIDERATION

1. The Bids shall be deemed to be under consideration immediately after they are opened and until such time no Official intimation of award/rejection is made by the Gurudwara Sachkhand Board to the Bidder.

17.0 EFFECT AND VALIDITY OF BID

1. The submission of any Bid connected with these documents and specifications shall constitute an agreement that the Bidder shall have no cause of action or claim against the Gurudwara Sachkhand Board for rejection of his bid. The Gurudwara Sachkhand Board shall always be at liberty to reject or accept any Bid or NIT at its sole discretion and any such

action will not be called in question and the Bidder shall have no claim in this regard against the Gurudwara Sachkhand Board.

2. The Bid should be kept valid for acceptance at least for the period of 90 (Ninety) calendar days from the date Award of Contract.

18.0 AWARD OF CONTRACT

1. The Contract shall be awarded to the most competent Bidder entirely meeting the requirements supported by detailed specifications, clarity in pricing and past credentials, and the Superintendent, **Gurudwara Sachkhand Board** shall be the sole authority in this regard.
2. Any legal dispute, if arising out of the Bids, shall be subject to the jurisdiction of the Nanded District Court only.
3. If the firm fails to provide items/services according to projected requirements in time as per the Contract, then alternative arrangements will be made in this regard from the open market at the firm's risk and cost.
4. The Superintendent, **Gurudwara Sachkhand Board** shall extend all possible assistance, as deemed to be appropriate, to the Contractor for obtaining Statutory Permissions / Approvals as required for Inbound & Outbound Transportation, Octroi, Safety Procedures etc.
5. Before the Award of the Contract, the Contractor shall submit a copy of Insurance Certificate for the Consignment being supplied for the purpose of "Setting up Super Fast Action Musical Dancing Fountain integrated with Laser and Video Projection on a Water Screen at Gobind Baugh, Nanded, attested by Gazetted Officer.

19.0 FORCE MAJEURE

Force Majeure Event shall mean any event or circumstance or combination of events and circumstances set out hereunder or the consequence(s) thereof which materially and adversely affect the Party claiming Force Majeure ("Affected Party") from performing its obligations in whole or in part under this contract.

- Acts of God, storm, cyclone, hurricane, flood, earthquake, landslide, volcanic eruption, or fire (to the extent originating from a source external to the Project) affecting the progress of the Project.
- Radioactive contamination, ionizing radiation
- Epidemic, famine
- Strikes, boycotts or other forms of labour unrest interrupting supplies and services (excluding strikes or boycotts by employees, agents or representatives of an Affected Party, or its contractor or attributable to any act or omission of any of them)
- Any failure or delay in performance by the Service Provider, but only to the extent caused by another Force Majeure Event.
- Late delivery of machinery, equipment, material, spare parts or consumables for the project but only to the extent caused by another Force Majeure Event.
- An act of war (whether declared or undeclared), invasion, armed conflict, or act of foreign enemy, blockade, embargo, revolution, riot, rebellion, insurrection, terrorist or military action, nuclear blast/ explosion, politically motivated sabotage or civil commotion.

Notice of Force Majeure Event: The Affected Party shall give notice to the other Party in writing of the occurrence of any of the Force Majeure Event ("the Notice") as soon as the same arises or as soon as reasonably practicable and in any event within 7 (seven) days of its occurrence and the adverse effect it has or is likely to have on the performance of its obligations under this contract.

The Notice shall inter-alia include full particulars of:

- The nature, time of occurrence and extent of the Force Majeure Event with evidence in respect thereof;
- The duration or estimated duration and the effect or probable effect which such Force Majeure Event has or will have on the Affected Party's ability to perform its obligations or any of them under this contract;
- The measures which the Affected Party has taken or proposes to take, to alleviate the impact of the Force Majeure Event or to mitigate the damage; and
- Any other relevant information.

So long as the Affected Party continues to claim to be affected by a Force Majeure Event, it shall provide the other Party with written reports containing the information called for and any such information as the other party may reasonably request.

Period of Force Majeure shall mean the period from the time of occurrence specified in the notice given by the Affected Party in respect of the Force Majeure Event until the earlier of:

- Expiry of the period during which the Affected Party is excused from performance of its obligations in accordance with applicable Tender provisions

Performance Excused: The Affected party, to the extent rendered unable to perform its obligations under this contract as a consequence of the Force Majeure Event shall be excused from performance of its obligations provided that the excuse from performance shall be of no greater scope and of no longer duration than is reasonably warranted by the Force Majeure Event. Provided further, nothing contained herein shall absolve the Affected Party from any payment obligations accrued prior to the occurrence of the underlying Force Majeure Event.

Resumption of Performance: During the Period of Force Majeure, the Affected Party shall in consultation with the other Party, make all reasonable efforts to limit or mitigate the effects of the Force Majeure Event on the performance of its obligations under this contract. The Affected party shall also make efforts to resume performance of its obligations under this contract as soon as possible and upon resumption shall notify the other Party of the same in writing. The other party shall afford all reasonable assistance to the Affected Party in this regard.

Costs, Revised Time Table:

- Each party shall bear its costs, if any, incurred as a consequence of the Force Majeure Event.
- The Affected party shall be granted by the other Party, extension of time specified in this contract for the performance of any obligation by such period not exceeding the period during which the relative performance was affected by the Force Majeure Event. Such extension may include extension of the Project period by the Superintendent, **Gurudwara Sachkhand Board** in appropriate cases.

Termination Due to Force Majeure Event: If the period of Force Majeure continues or is in the reasonable judgment of the Parties is likely to continue beyond a period of 180 days, the Parties may mutually decide to terminate this contract or continue this contract on mutually agreed revised terms.

20.0 LIQUIDATED DAMAGES

In the event of delay in execution of work, specified in this Contract / furnishing of deliverables, the Firm shall be liable to a penalty @1.0 % to a maximum of 5% of the Project Cost, depending on the nature of delay, on the value of work order in respective phases, for every month of delay, after which Gurudwara Sachkhand Board shall be at liberty to cancel the award. For the purpose of this clause, part of a week shall be considered to be a full week. Superintendent, Gurudwara Sachkhand Board also reserves the right to waive off any penalty subjected to the conditions that the bidder provides strong and rational reasons in writing

stating all the causes to the Committee for the delay in execution of the work which is acceptable to the **Gurudwara Sachkhand Board** Officials.

21.0 ARBITRATION

1. All disputes, differences, claims and demands arising under the contract shall be referred to the Superintendent, **Gurudwara Sachkhand Board**, Nanded for final decision and the same shall be binding on all parties.
2. Any other terms and conditions mutually agreed prior to finalization of the Order / Agreement shall be binding on the Firm.
3. **Gurudwara Sachkhand Board** and the selected Firm shall make every effort to resolve amicably through direct negotiation, any disagreement or dispute arising between them under or in connection with the work order. If any dispute arises between parties on aspects not covered by this agreement, or the development or delivery or operation thereof, or the rights, duties or liabilities under these except as to any matter the decision of which is specially provided for by the general conditions, such disputes shall be referred to two arbitrators, one to be appointed by each party and the said arbitrators shall appoint an umpire in writing before entering into the reference and the award of the arbitration or umpire, as the case may be. Shall be final and binding on both the parties. The arbitrators or the umpire as the case may be, with the consent of parties, may modify the time frame for making and publishing the award. Such arbitration shall be governed in all respects by the provision of the Indian Arbitration and Conciliation Act, 1996 or later and the rules there under and any statutory, modification or reenactment thereof, the arbitration proceeding shall be held in Nanded, Maharashtra.
4. All legal disputes are subject to the jurisdiction of, Nanded Court only.

COMMERCIAL OFFER FORMAT

(Addressed to Superintendent, Gurudwara Sachkhand Board and Printed on Company's Letter Head Duly Signed by the Authorized Representative of the Bidder, Dated and Stamped)

S. N.	Particulars	Price (Rs.)
A.	Cost of Setting-Up of the proposed Super Fast Action Musical Dancing Fountain integrated with Laser and Video Projection Show on Water Screen of size 18m x 54m over a Pool Size 75 m X 29 m	
B.	VAT @ 12.5% (or, as applicable for identified Categories of Items / Components)	
C.	Octroi (to be added as applicable for identified Categories of Items / Components)	
D.	Sub Total 1: (A + B + C)	
E.	Operation & Maintenance Charges for Contract Period of FIVE (05) year from the date of successful Installation and Commissioning*	
F.	Service Tax @ 12.36% (or as applicable) on (E) above	
G.	Sub Total 2: (E + F)	
H.	Grand Total (D + G)	

(In Words: Rupeesonly)

The Bidder should note following **Important Points** at the time of filling the Bid Commercial Sheet

- 1) The **Final Commercial Offer** derived from adding all Category-wise Sub-Totals should include all Statutory Taxes, Duties (i.e., prevalent applicable charges) (*Sum of all Figures in Price column*), in Rupees. The Bidder should also provide **year-wise bifurcation of the Total Operation & Maintenance Charges** as 'Quoted' in the row 'E'.
- 2) The 'Commercial Offer' by the Bidders shall be excluding the Civil Cost. The Bidders needs to clearly mention the Scope of Supply (BOQ) with Itemized Cost (in separate sheets to be enclosed with the Technical Bid).
- 3) The Bidder should enclose Drawings, Dimensions, Specifications and Scope of Supply.
- 4) The Scope of Supply, including Quantities will be frozen before the Award of the Contract, and the same would be mentioned into the 'Work Order'.
- 5) The Bidder should ensure that all supplies are free from defects, and are of best quality. In case of defective supply, the Bidder should replace the same with no additional cost charged to the Client. Any Defective Supplies will not be considered for payment of Rentals & Overhead Charges for the same.
- 6) The Bidder should indemnify the Client against all claims, whatsoever, for damage / loss of the Consignment during Transportation and all through the Project period.
- 7) The Bidder should sign, and seal all pages of the **'Commercial Offer Format'** before the submission of the Bid.

**PROFORMA OF BANK GUARANTEE FOR FULLFILLMENT OF CONTRACT
RLEATED OBLIGATIONS**

Ref: _____

Date: _____

Bank Guarantee No. _____

To,

The Superintendent

Gurudwara Sachkhand Board,

Nanded

1. Against Contract vide Advance Acceptance of the Tender No. _____ dated _____ of the Superintendent, **Gurudwara Sachkhand Board** Nanded (hereinafter called "the Client") covering for Designing, Installation & Commissioning for "**Setting Up Super Fast Action Musical Dancing Fountain integrated with Laser and Video Projection on a Water Screen**" at Gobind Baugh, Nanded (hereinafter called the "said contract") entered into between the Client and (hereinafter called the "Contractor"), this is to certify that at the request of the Contractor, we <Bank Name> _____ Bank are holding in trust in favor of the Client, the amount _____ (write the sum here in words) to indemnify and keep indemnified the Client against any loss or damage that may be caused to or suffered by the Client by reason of the said Contract and/or in the Performance thereof. We agree that the decision of the Client, whether any breach of any of the terms and conditions of the said Contract and/or in the performance thereof has been committed by the Contractor and the amount of loss or damage that has been caused or suffered by the Client shall be final and binding on us and the amount of the said loss or damage shall be paid by us forthwith on demand and without demur to the Client.
2. We <Bank Name> _____ Bank further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for satisfactory performance and fulfillment in all respects of the said Contract by the Contractor i.e. till _____ after installation and commissioning of "**Setting Up Super Fast Action Musical Dancing Fountain integrated with Laser and Video Projection on a Water Screen**" hereinafter called the said date and that if any claim accrues or arises against us _____ Bank by virtue of this guarantee before the said date, the same shall be enforceable against us _____ Bank notwithstanding the act that the same is enforced within two months after the said date, provided that notice of any such claim has been given to us _____ Bank by the department before the said date. Payment under this letter of guarantee shall be made promptly upon our receipt of notice to that effect from the Client.
3. It is fully understood that this Guarantee is effective from the date of the said Contract and that we _____ Bank undertake not to revoke this guarantee during its currency without the consent in writing of the Client.
4. We undertake to pay the Client any money so demanded notwithstanding any dispute or disputes raised by the Contractor in any suit or proceedings pending before any court or Tribunal relating thereto our liability under this present bond being absolute and unequivocal. The payment so made by us under this bond shall be a valid discharge of our liability for payment there under and the Tenderer shall have no claim against us for making such payment.
5. We _____ Bank further agree that the Client shall have the fullest liberty, without affecting in any manner our obligation hereunder to vary any of the terms and conditions of the said contract or to extend time of performance by the Tenderer from time to

time or to postpone for any time or from time to time any of the powers exercisable by the Client against the said Contractor and to forbear or enforce any of the terms and conditions relating to the said contract and we, _____ Bank shall not be released from our liability under this guarantee by reason of any such variation or extension being granted to the said Contractor for any forbearance by the Client to the said Contractor or for any forbearance and/or omission on the part of the Client or any other matter or thing what-so-ever, which under the law relating to sureties, would, but for this provision have the effect of so releasing us from our liability under this guarantee.

6. This Guarantee shall not be discharged due to the change in the constitution of the Bank or the Contractor.

Date _____

Place _____

Signature _____

Witness _____

* * * * *