

**BANGALORE ASSOCIATION FOR SCIENCE EDUCATION
JAWAHARLAL NEHRU PLANETARIUM
Sri T Chowdaiah Road, High Grounds, Bangalore – 560 001**

FINAL

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Tender for *replacing old sound reinforcement system with new one* at the Jawaharlal Nehru Planetarium (JNP) at Sri T. Chowdaiah Road, High Grounds, Bengaluru-560 001

(Through GOK e-Procurement platform www.eproc.karnataka.gov.in)

General Details:

Tender Reference	DP/EPP/Audio System/ 001/ 2014-15 dated 14.01.2015
Tender Title	Replacing old Sound Reinforcement System with new one at the Jawaharlal Nehru Planetarium (JNP) at an estimated cost of Rs.22.00 lakhs
Description	Replacing old Sound Reinforcement System with new one at the Jawaharlal Nehru Planetarium (JNP) at an estimated cost of Rs.22.00 lakhs
Tender Category	Goods
Type of quotation	Lumpsum
Tender Evaluation	Two covers
Department	Jawaharlal Nehru Planetarium
Bid validity period	60 days
Tender type	Open

Specific Terms and Conditions

1. Scope of the Project

- 1.1 Jawaharlal Nehru Planetarium (JNP) proposes to replace the existing old, outdated and defective sound reinforcement system with the brand new system. The proposal is for dismantling the old system and supplying, installing, testing, commissioning and proof of performance of brand new sound reinforcement system. This facility shall allow the planetarium to provide a better quality sound experience to the public.
- 1.2 Careful dismantling of the existing speakers and cabling from the centre of the dome and installation of the new set of speakers at the centre of the dome and inside the auditorium as per JNP's specific requirement from the Engineer-in-Charge of JNP, Bengaluru.
- 1.3 The bidder is required to take up the power cabling for the new powered speakers proposed inside the auditorium.
- 1.4 Comprehensive training to the staff designated by JNP to be provided free of cost.
- 1.5 The supply is to be made conforming to the technical compliance specified in **Annexure I. (BOQ)**

2. Detailed Technical Specifications

Detailed technical specifications that are considered are provided in **BOQ** vide **Annexure I.**

3. Eligibility Criteria for Bidders

- 3.1 The bidder should be professional, certified and reputed OEM or engineering turnkey solution provider on all aspects of professional audio/video, acoustics, etc. Offers from equipment traders and suppliers will not be entertained. Also, offers for partial solutions will not be considered. The bidder will be responsible for providing total turnkey solution from their own resources.
- 3.2 The bidder should possess ISO certificate 9001-2008, past experience for similar such sound reinforcement installations in auditoriums. They will provide comprehensive list of similar project carried out by them in past three years along with the total value of the project, completion certificates issued from the clients as a proof of past performance etc.
- 3.3 They will provide the contact details of the local support at Bengaluru in the form of technically qualified engineers available for on-site servicing and support during and after warranty period. The hardware shall be from a reputed original equipment manufacturer. Equipment from Hardware Integrators will not be accepted.
- 3.4 Authorization from the original equipment manufacturers authorizing the system integrator for bidding their product and confirming the compliance of warranty terms shall be submitted. Bidders who do not provide such authorization will be summarily rejected.
- 3.5 Bidders will provide undertaking for supply of spare, modules etc., for 5 years for the equipment offered.
- 3.6 Bidder should have their own measuring devices/equipments and simulation software for measuring and analyzing the complete acoustic response, frequency response and sound pressure level of the installed system and provide complete set of live measurements after the installation as a proof of performance in presence of the planetarium officials and report shall be submitted as a documentation.
- 3.7 Bidders are required to note that JNP can reject all of the firms submitting incomplete proposals. Further as quality is the principal selection criterion, JNP does not bind itself in any way to select the firm offering the lowest price.

3.8 Bidders are required to meet all the above eligibility criteria on the basis of the documentation submitted by them. Failing to do so, will result in summary rejection of their bids.

4. General Conditions:

- a. Tenders from Joint ventures are not acceptable.
- b. Bidders shall not be under a declaration of ineligibility for corrupt and fraudulent practices issued by any State Government / Government of India /Union Territory.
- c. Tenders shall be uploaded through e-procurement portal on or before the date as mentioned in e-procurement portal. Hard copy of the tender documents will not be accepted.
- d. The bid validity period of 60 days will reckon from the date of opening of techno-commercial bid.
- e. The complete work including supply, installation, testing and commissioning shall be carried out within the period of two months from the 15th day of issue of work order. In case of delay in completion of the work, penalty shall be imposed as per the standard practice of department which will be detailed in Agreement.
- f. The rates quoted shall be fixed and firm and no escalation in rates shall be allowed under any circumstances.
- g. It shall be the responsibility of the Bidder to ensure credit of Tender Processing Fee and EMD into the respective receiving bank accounts of e-Procurement on or before the last date and time of bid submission.
- h. EMD payments through E-procurement mode shall be made as one single transaction and payments made in part are liable for rejection.
- i. Payment terms:
 - a) 76.5% amount shall be released after delivery of equipment on pro-rata basis
 - b) 13.5% amount after erection of the total system/equipment
 - c) 10% after testing and commissioning of the total system/equipment.
- j. 10% of the total contract value shall be deducted in each running bill as Security Deposit. The amount so deducted shall be released after a period of one year from the date of commissioning.
- k. After opening Bid 1 viz., Techno-commercial Bid, if required, department may inspect the works carried out by the vendors. The decision of the department in evaluating techno-commercial bids shall be final and binding.
- l. The tender document is a part and parcel of the agreement.
- m. Corrigendum/modification/corrections, if any, will be published in the web site only.
- n. The intending bidders are requested to note that they should abide by the detailed instructions and conditions contained in the Tender documents and further modifications done if any.
- o. All scanned documents to be uploaded shall be from originals and are to be produced to verify the documents within 3 days from the day of opening of Technical bid for verification.
- p. The contractor shall quote his rates inclusive of all applicable taxes, levies, duties and cess, etc., as per the latest notifications of GoK and GoI.
- q. For further details of the work or any clarifications Joint Director, J N Planetarium, Bangalore may be contacted.

- r. The proposals shall include complete details of the system design solution in the form of a neat schematic for the entire setup after site visit, proposed by the Tenderer together with the details of:
 - i. *Each constituent item of each sub-system*
 - ii. *Their numbers*
 - iii. *The manufacturer's name, contact details and printed technical specifications*
 - iv. *Dimensional details*
 - v. *Schematic diagrams along with complete signal and work flow of the setup*
- s. Technical specifications and salient features of all the equipment offered should be provided along with the proposal.
- t. A Clause-by-clause compliance statement, highlighting deviations, if any, on all the clauses of specification from OEMs of the offered products as per **annexure**, duly signed in original needs to be submitted. If compliance statement is incomplete, the tender may be rejected outrightly.
- u. The quote should either be from the OEM or from their authorized representative/dealer. In case, the quote is from the authorized representative/dealer, a certificate in original from the OEM that the Tenderer is the authorized representative/dealer for India should be enclosed with the tender.
- v. A copy of un-priced Bill of Quantity (BOQ) as per Annexure I indicating make, model number **complete configuration details of offered hardware**, system software etc. shall be submitted along with the technical bid. Any tender, showing ambiguity in above terms shall be treated as incomplete and it will be rejected.
- w. A list of suggested additional items and spares (if any) along with item wise price is to be uploaded separately as an option.
- x. PERT chart for project execution and completion is to be provided along with the bid.
- y. All the documents required for assessing the offer are required to be provided. Data sheets for the items quoted should be invariably attached with the proposal.
- z. Certified documents of the Registration details of the company, VAT/PAN registration, IT number, structure of the company with particular reference to relevant Engineering resources, details of the local support with name, qualification, experience in the relevant field, contact details etc, certified annual statement of the bidder for the last five years, ISO certificate etc will be submitted along with the technical bid.

5. Guarantee/Warranty

- a. All the equipment and their accessories shall be guaranteed for at least 36 months from the date of commissioning.
- b. The bidder shall submit a letter from OEM for confirmation of back to back support commitment for the warranty period from the date of commissioning in respect of all the offered hardware and software.
- c. No separate charges will be paid for visit of engineers for attending to faults and repairs or supply of spare parts during the warranty period.

6. Delivery Period

Within two months from the date of placement of order.

7. Certification

The successful Tenderer shall certify that the equipment offered by him in the form of point to point compliance statement meeting the technical parameters.

8. Tender Technical Qualification Criteria and Document/Evidence to be uploaded by the Bidder:

- a. A complete details of the system design solution in the form of a neat schematic for the entire setup proposed by the Tenderer together with the details of:
 - i. *Each constituent item of each sub-system*
 - ii. *Their numbers*
 - iii. *The manufacturer's name, contact details and printed technical specifications*
 - iv. *Dimensional details*
 - v. *Schematic diagrams along with complete signal and work flow of the setup*
- b. Technical specifications and salient features of all the equipment offered.
- c. A Clause-by-clause compliance statement, highlighting deviations, if any, on all the clauses of specification from OEMs of the offered products as per annexure, duly signed in original.
- d. The quote should either be from the OEM or from their authorized representative/dealer. In case, the quote is from the authorized representative/dealer, a certificate in original from the OEM that the Tenderer is the authorized representative/dealer for India
- e. A letter from OEM for confirmation of back to back support commitment for the warranty period from the date of commissioning in respect of all the offered hardware and software.
- f. Authorization from the original equipment manufacturers authorizing the system integrator for bidding their product and confirming the compliance of warranty terms
- g. A copy of un-priced Bill of Quantity (BOQ) as per Annexure I indicating make, model number complete configuration details of offered hardware, system software etc. shall be submitted along with the technical bid.
- h. Bidders will provide undertaking for supply of spare, modules etc., for 5 years for the equipment offered.
- i. Certified audited annual statement of accounts for the last five years.
- j. Copy of ISO Certificate 9001-2008
- k. Past experience certificate for similar such sound reinforcement installations in auditoriums
- l. Comprehensive list of similar project carried out by the bidder in past three years & also the total value of the project.
- m. Completion certificates issued from the clients as a proof of past performance etc.
- n. Pert chart for projection execution and completion to be provided.
- o. Data sheet for the items quoted should be invariably attached.
- p. Company Registration Certificate
- q. VAT/PAN Registration Certificate
- r. IT No. to be provided

- s. Structure of the company with particular reference to relevant engineering resources, details of the local support with name, qualification, experience in the relevant filed, contact details, etc.
- t. Contact details of the local support at Bengaluru in the form of technically qualified engineers available for on-site servicing and support during and after warranty period.
- u. Bidder should have carried out work of similar nature and magnitude ie., single work of at least 80% of tender value or two works of 50% of tender value in last 5 years.
- v. The bidder should produce solvency certificate for at least 40% of tender value.
- w. To qualify for award of this contract, each Tenderer in his/her/their name should have in the last five years (i.e. 2009-10 to 2013-2014) achieved in at least three financial years a minimum average financial turnover of 30% of tender value.

9. **Bill of Quantity:** Attached at Annexure 1

Contact information:

Contact Person

Shri Pramod G Galgali
Joint Director
Office Telephone No.080 – 2237 9725
Mobile No.94482 70524

HP Help Desk

080-2550 1227 / 2550 1216
hphelpdesk.blr@intarvo.com

Tender amount details:

Amount of EMD
Tender Processing Fee

Rs.44,000/- (Rupees Forty four
thousand only) – 2% on Rs.22.00 lakhs

Tender Schedules/Dates:

Pre-Bid meeting and site visit

20.01.2015 @ 1430 Hrs
Office of the Director
Jawaharlal Nehru Planetarium
Sri T Chowdaiah Road
High Grounds
Bangalore – 560 001
Ph: 080-2237 9725 / 2226 6084

Last date and time for
receipt of tenders

30.01.2015 @ 1600 Hrs

Time and date of opening of
cover one of tenders (Techno-commercial Bid)

06.02.2015 @ 1500 Hrs

Time and date of opening of
cover two of tenders (Financial Bid)

18.02.2015 @ 1500 Hrs

Address for communication

The Director
Jawaharlal Nehru Planetarium
Sri T Chowdaiah Road
High Grounds, Bangalore – 560 001

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