

एसजेवीएन अरुण-३  
पावर डेवलपमेण्ट कम्पनी (प्रा.) लि.  
(भारत सरकार र हिमाचल सरकारको संयुक्त कम्पनी,  
एसजेवीएन लिमिटेड बाट स्थापित कम्पनी)



**SJVN Arun-3**  
**Power Development Company (P.) Ltd.**  
(A company promoted by SJVN limited,  
joint venture of Govt. of India and Govt. of H.P.)

Ref.No.: SAPDC/CE (P&C)/PPR-81/2018-906

Dated:. 06.11.2018

**NOTICE INVITING QUOTATIONS (NIQ)**

Sealed quotations are herewith invited by SJVN Arun-3 Power Development Company Pvt. Ltd. (SAPDC/Employer) from the manufacturers/authorised distributors/ authorised suppliers of Nepal for “**Supply, transportation, demonstration & training of Sound Level Meter(SLM) for noise monitoring for SAPDC at Tumlingtar.(PPR-81)**” for the SAPDC, Tumlingtar as per the details provided here-in-below:-

Sr. no.	Description	Remarks
1.	Scope of Work & Technical Specifications	Refer <i>Annexure 'A'</i>
2.	Bill of Quantities (BOQ)	Refer <i>Annexure 'B'</i>

**TERMS & CONDITIONS (T&C):**

**1. Minimum Qualifying Requirements:-**

- The firm/bidder should be manufacturer/authorised distributor/authorised supplier/authorised reseller for item (s) for which Bidder is submitting bid. In addition to above, the suppliers who deal in relevant equipments can also participate in bidding subject to furnishing of a certificate from authorised supplier /reseller/ manufacturer for this particular consignment.
- The technical specification of the offered Brand/Make and Model of equipment/instruments shall be equivalent or more than the specifications mentioned under Technical Specifications (Annexure-A).

**2. Submission of Bid:-**

The bidder must submit the bid in the following two separate sealed envelopes clearly indicating the contents therein duly super scribed as under and these two envelopes should be enclosed in a single sealed envelope/cover super scribed as “**Supply, transportation, demonstration & training of Sound Level Meter(SLM) for noise monitoring for SAPDC at Tumlingtar.(PPR-81)**” and submitted at the address of the undersigned and must reach this office through courier or by post or by hand on or before 27.11.2018 by 15:00 Hrs. and same shall be opened on 27.11.2018 at 16:00 Hrs. in presence of authorized representative of firms who choose to attend.

### **PART-I (Envelope-1):-**

- i. Earnest Money Deposit (EMD) (as per Sr. No.9).
- ii. The firm shall submit PAN/VAT /company registration certificate.
- iii. Authorization certificate supporting with requisite Documents for meeting out criteria laid down at Sr. No. 1. a. above.
- iv. User Manual/Catalogues/Technical Specification of the items for which rates have been quoted by the Bidder for meeting out criteria laid down at Sr. No. 1. b. above.
- v. Form of declaration.

### **PART-II (Envelope-2):-**

**Price bid:** - Comprising of Price Bid at Annexure-B i.e., duly filled, signed and stamped in Bill of Quantities (BOQ).

### **3. Opening of Bid:-**

**The bid shall be opened in the following sequence:-**

- i. First, the envelope Part-I shall be opened.
- ii. Part –II (Price Bid) shall be opened on same day if no clarification is required from the Bidder. In case clarification is sought from the Bidder, separate intimation shall be given for opening of Price Bids.

### **4. No material and T&P will be issued by SAPDC.**

### **5. Completion Period:-** The total time for supply of SLM is 30 days from the date of issuance of Letter of Award/ Supply Order. The demonstration/ training of the SLM at site will be done within 20 days after the date of intimation of OIC or his representative. The supplier shall also furnish documentary evidence regarding genuineness of the product.

### **6. Bid Validity:** The bid (s) shall be valid for 90 days from the opening of bid (s).

### **7. Prices:** The supplier/bidder shall offer rates & prices “on Firm Price Basis”. The quoted rates for complete item (Including all related accessories) shall be inclusive of VAT , all other taxes & duties, transportation, transit insurance, loading & unloading , demonstration/ training charges etc. and SAPDC shall not bear anything extra on this account. Any statutory variation in the rate of taxes after the last date of submission of bid(if any),during the currency of the contract including extension thereof shall be reimbursed /adjusted on production of documentary proof.

Rates & amount should be filled in both figures and words. In case of ambiguities in between the rate in figures and the rate in words, the rate quoted in words shall prevail and the amount shall be corrected accordingly. The SAPDC reserves the right to adjust arithmetical or other errors in any tender/quotation in the way which it considers suitable.

### **8. Payment:** The payments will be made in the following manner:

Eighty (80%) of the contract price / Supply order shall be made after receipt of material/goods at site in full and good condition as per Technical Specifications (TS). The payment shall be released against the submission of bill and inspection report issued by Officer-in-Charge (OIC) or his representative.

Twenty percent (20%) payment of the contract price / Supply order shall be made only after demonstration/ training of SLM to the satisfaction of Officer-in-Charge (OIC) or his representative subsequent issuance of completion certificate by the Officer-in-Charge.

9. **Bid Security /Earnest Money Deposit (EMD):**

- a. Bid Security /Earnest Money amounting to NPRs 10,000 /-shall be submitted in the shape of Bank Draft/Manager Cheque/FDR(duly pledged in favour of SAPDC) /Bank Guarantee in favour of SJVN Arun-3 Power Development Company Pvt. Ltd.(SAPDC), payable at Khandbari acceptable to SAPDC.

**Any bid not accompanied by an acceptable Earnest Money Deposit shall be declared non-responsive and rejected by the Employer and their Part-II (Price Bid) bid shall not be opened.**

- b. EMD of the bidder shall be forfeited, if the bidder withdraws or amends its bid or impairs or derogates from the bid in any respect within the period of validity of the bid.
- c. EMD of the bidder shall be forfeited, in the event of non-compliance of supply order including non -supply etc. by the successful bidder.
- d. The EMD of unsuccessful bidders shall be released without any interest after the issuance of supply order and the EMD of the successful bidder shall be released within one month from the receipt of completion of assignment to the satisfaction of OIC.
- e. The Earnest Money of unsuccessful bidders will be returned within 15 days of the award of supply order to the successful bidder.
- f. The EMD shall be valid for 120 days beyond the last date of submission of bids.
- g. No interest shall be payable by SAPDC on EMD.
10. **Award Criteria:** The bid shall be evaluated on Item-wise basis and the award shall be made based on the lowest rate quoted by the Bidder/Supplier for particular item(s) as per Annexure-B in the Bill of Quantities.
11. **Liquidated Damages (LD):** In case of delay in supply of item(s)/ equipment(s) beyond the delivery period(30 days), **LD @ 0.15% of contract price per day of delay in completion shall be levied subject to maximum of 5%** of the contract price. In case the supplier fails to supply the material within 60 days from issuance of supply order, SAPDC reserves the right to terminate the supply order and bid security / EMD shall be forfeited.
12. **Force Majeure:** The term "Force Majeure" shall herein mean riots (other than among the Vendor's employees), Civil Commotion (to the extent not insurable), war (whether declared or not), invasion, act of foreign enemies, hostilities, civil war, rebellion, revolution, insurrection, military or usurped power, damage from aircraft, nuclear fission, acts of God, such as earthquake (above 7 magnitude on Richter Scale), lightning, unprecedented floods, fires not caused by Vendor's negligence and other such causes over which the Vendor has no control and are accepted as such by the Officer-in-Charge (OIC), whose decision shall be final and binding. In the event of either party being rendered unable by Force Majeure to perform any obligation required to be performed by them under this contract, the relative obligation of the party affected by such Force Majeure shall be treated as suspended for the period during which such Force Majeure cause lasts, provided the party alleging that it has been rendered unable as aforesaid, thereby shall notify within 10 days of the alleged beginning and ending thereof giving full particulars and satisfactory evidence in support of such cause. Extension of time without levy of LD shall be provided during the period of occurrence of Force Majeure event, however no cost compensation shall be provided.

- 13. Packing:** The supplier, wherever applicable shall properly pack and stack all materials/goods in such a manner as to protect them from deterioration and damage during transportation. The supplier shall be responsible for all damage due to improper packing.
- 14. Replacement:** If the items/ equipments or any portion thereof is damaged or lost during transit, SAPDC shall give notice to the supplier setting forth particulars of such items/ equipments damaged or lost during transit. The replacement of such items/ equipments shall be effected by the supplier within a reasonable time to avoid unnecessary delay in the intended usage of the materials free of cost to the SAPDC.
- 15. Rejection:** In the event that any of the items/ equipments supplied by the supplier is found defective in material or workmanship or otherwise not in conformity with the specification, SAPDC shall either reject the items/ equipments or request the supplier in writing to rectify the same. The supplier, on receipt of such notification shall either rectify or replace the defective items/ equipments free of cost to the SAPDC.
- 16. Demurrage, Wharfage etc.:** All demurrage, wharfage and other expenses incurred due to delayed clearance of the items/ equipments or any other reason shall be on the account of the supplier.
- 17. Guarantee/Warranty:** Guarantee/Warranty shall be minimum for 12 months or as per the Policy of Original Equipment Manufacturer (OEM), whichever is higher. In case of any complaint/repair required during Warranty/Guarantee period, the vendor will respond within two days and ensure rectification within one week's time from the date of lodging of complaint. The supplier shall either rectify or replace the defective items/ equipments free of cost to SAPDC within Guarantee/Warranty period.
- 18. Consignee:** The material/ goods under this Contract shall be dispatched to the Consignee at the following address:-
- CE (Store),  
Arun-3 HPP, SAPDC Office Complex,  
Tumlingtar, Distt. Sankhuwasabha, Nepal.  
(Mobile No.: 9852058517),  
Email: wntstores.sapdc@gmail.com**
- 19.** For any enquiry/clarification for submission of bid and any other information, the Bidders may contact to:-

Name	Designation	Contact No.	Address
Er. Rajesh Kumar Jassal	CE (P&C)	+977-29-575154	Arun-3, SAPDC Office Complex, Tumlingtar, Distt. Sankhuwasabha, Nepal.

## 20. GENERAL INFORMATION:-

### Access to Project Sites:

To reach the site of Arun-3 HPP Nepal the nearest broad gauge railway station is Jogbani, Bihar (India) and further by road up to Tumlingtar is about nearly 264 Km. Jogbani in Bihar is a city of India with Nepal border and is just 6.00 Km. from Biratnagar (a major industrial town of Nepal).

### Road conditions in different road segment en-route are as under:-

- a. Jogbani to Hile:- Hile is located at a distance of 118 Km from Jogbani and the existing road up to Hile is black topped road and in good condition. Hile is at EL 1920 m from sea level.
- b. Hile to Tumlingtar (Hill road route):- This route is about 111 Km and the road partially is black topped and kuchhaup to Chainpur (EL 1285m) and Chainpur to Tumlingtar is black top.
- c. Tumlingtar is also connected to Kathmandu and Biratnagar by air by around thirty five minutes journey.

21. **Resolution of Dispute:** In case of any dispute or difference that arises out of the subject cited supply, the same shall be referred to the Sole Arbitrator, who shall be appointed by the CEO, Arun-3HPP, SAPDC, Tumlingtar. The award of the arbitrator shall be final and binding on both the parties.

Courts of Chainpur (Nepal) shall have exclusive Jurisdiction for adjudication upon the dispute arising out of the subject cited supply between the parties.

22. Corrigendum/Addendum, if any to NIQ shall be uploaded only on <http://sjvn.nic.in>

23. SAPDC reserves the right to reject any or all the tenders without assigning any reason thereof.

**For & on the behalf of SAPDC**

**Sd/  
Chief Engineer (P&C)  
Arun-3HPP, SAPDC  
Office Complex. Tumlingtar  
Distt. Sankhuwasabha, Nepal  
Ph. +977-29-575154, Mob.:- 9852099787  
E-mail Address: [pnc.sapdc@gmail.com](mailto:pnc.sapdc@gmail.com)**

**SCOPE OF WORK & TECHNICAL SPECIFICATIONS**

1. Onsite demonstration and training to Arun-3 HEP, SAPDC personnel regarding operation and maintenance of SLM has to be provided by supplier.
2. The tentative sites/ locations for demonstration/ training of SLM will be Arun-3 HEP, SAPDC Office Complex, Tumlingtar, Khandbari, Sankhuwasabha or Dam site of Arun-3 HEP, at Phaksinda Dovan, Num, in Khandbari of Sankhuwasabha District. The location for the demonstration/ training will be finalized in consultation with Officer-in-Charge (OIC) of the work. The respective supplier/ manufacturer shall ensure all about the adverse/ favorable site conditions of delivery/ demonstration sites, without fail.
3. Nothing shall be borne by Arun-3 HEP, SAPDC on account of travelling expenses, boarding and lodging for demonstration/ training of SLM. No reimbursement shall be done to the representative of agency for this purpose.
4. The specifications claimed should be supported by appropriate technical literature.
5. Manufacturer’s Test Certificate (as applicable) for Sound Level Meter (SLM) has to be submitted by supplier at the time of supply.
6. Manufacturer’s Guarantee/ Warranty Certificate at the time of supply should be submitted by the supplier at the time of delivery of material.
7. SLM should conform to relevant worldwide certification, if applicable, as per specifications.

## TECHNICAL SPECIFICATIONS

### **SOUND LEVEL METER (SLM)**

The SLM should be simple in operation with the simultaneous measurement of all parameters, viz,  $L_{max}$  and  $L_{min}$ , etc. with real time Sound Level Leq, Peak and  $L_{AE}(SEL)$  having data-logging as well as Voice Tag audio note functionality.

#### **Specifications:**

- **Microphone-** Type/ Class – 2
- **Microphone preamplifier-** Removable preamplifier
- **Total Measurement range-**  
20 dB(A) to 140 dB(A) RMS single range,  
Noise Floor: < 21 dB(A)
- **Frequency Weightings-** RMS & Peak: A, C and Z measurement simultaneously
- **Time Weightings-** Fast, Slow and Impulse measurement simultaneously
- **Display-** High resolution OLED display, ambient light sensor and illuminated keypad
- **Memory-** 4GB internal memory. Measured data storage in the memory.
- **Measurement and displayed functions-**  
 $L_{XY}$ ,  $L_{XYMax}$ ,  $L_{XYMin}$ ,  $L_{Xeq}$ ,  $L_{CPeak}$ ,  $L_{ZPeak}$ ,  $L_{Ceq}$ ,  $L_{Aeq}$ ,  $L_{XE}$ ,  $L_{Aeq}$   
Graph of Short  $L_{Aeq}$ ,  $L_{CPeak}$   
Measurement Run Time  
Integrators 2 and 3: TWA, Dose%, Est Dose%
- **Stored functions-**  
 $L_{XYMax}$  and Time History of  $L_{XYMax}$   
 $L_{Aeq}$ ,  $L_{Ceq}$ ,  $L_{Zeq}$ ,  $L_{CPeak}$ ,  $L_{ZPeak}$ ,  $L_{APeak}$   
Time History of  $L_{Aeq}$ ,  $L_{Ceq}$ ,  $L_{Zeq}$ ,  $L_{CPeak}$ ,  $L_{ZPeak}$ ,  $L_{APeak}$ ,  $L_{Aeq}$   
Integrators 2 and 3:  $L_{AVG}$ , TWA, % Dose  
Time History of  $L_{AVG}$
- **Time History Data Rates-** 10ms, 62.5ms, 125ms, 250ms, 0.5s, 1s, 2s (User selectable)
- **Voice Tag Audio Recording-** Up to 30s of audio notes with each measurement
- **Conforming Standards-** IEC 61672-1:2002
- **Integrator-** Simultaneous virtual noise meters
- **Integrator Quick settings-** EU and OSHA
- **Calibrator-** Class 2 acoustic calibrator
- **Measurement Control-** Pause and Back with user selectable duration along with erase option
- **Connections-** USB, AC and DC output
- **Windshield-** 90mm windshield
- **Case-** Carrying case
- **Language-** English
- **Software support-** Configuration and analysis software as per standard, compatible with Microsoft Windows 8 and 10 (64 Bit)
- The instrument (Sound Level Meter) should be supplied with Class-2 acoustic calibrator, windshield, carrying case, user manual, a calibration certificate, USB data/ power cable, 4 number AA alkaline batteries for instrument, battery for calibrator, a pen, software CD, etc. as a complete measurement kit.

(Annexure-B)

**BILL OF QUANTITIES**

Name of Work "Supply, transportation, demonstration & training of Sound Level Meter(SLM) for noise monitoring for SAPDC at Tumlingtar.(PPR-81)".							
Sr. No.	Description of Items	Offered Brand/Make and Model	Unit	Qty.	Rate Inclusive of VAT etc.(NPR)		Amount (NPR)
					In Figures	In Words	
1.	Sound Level Meter (SLM) (Including all related accessories, transportation, transit insurance, loading & unloading , demonstration/ training charges etc.) (As Per Minimum Technical Specifications at Annexure-A)		No.	1			

**Date: -**

**Place:-**

**Bidder/Supplier Name and Signature along with seal**



**FORM OF DECLARATION**

M/s-----**(name of Bidder/Supplier)** having its registered office at ----- (hereinafter referred to as `the Bidder/Supplier‘) having carefully studied all Terms and conditions, scope of work & Technical specifications, BOQ etc. and all corrigendum(if any) pertaining to the **“Supply, transportation, demonstration & training of Sound Level Meter(SLM) for noise monitoring for SAPDC at Tumlingtar (PPR-81)”** the local and site conditions and having undertaken to execute the said works.

DO HEREBY DECLARE THAT:

1. The Bidder is familiar with all the requirements of the Contract.
2. The Bidder has not been influenced by any statement or promise of any person of the Employer but only the Contract conditions.
3. The Bidder undertakes that the information furnished in the Bid is true and correct in all respects.
4. The Bidder undertakes that all the documents uploaded along with the NIQ have been read and there is no deviation from the terms and conditions of the NIQ including Corrigendum/Addendum (if any).

Date:

**For and on behalf of the bidder /Supplier**

.....

**(Signature of authorized representative of the Bidder/Supplier, along with his name, Seal of Company)**