

# **SJVN ARUN-3 POWER DEVELOPMENT COMPANY PVT. LTD.**

(A Subsidiary of SJVN Ltd. Registered in Nepal)



## **ARUN-3 HYDRO ELECTRIC PROJECT, NEPAL**

### **TENDER DOCUMENT**

**[DOMESTIC COMPETITIVE BIDDING]**

**TENDER No.: PCD-283/2026**

**“HIRING OF AN AGENCY FOR QUARTERLY AMBIENT AIR QUALITY MONITORING, MONTHLY WATER QUALITY MONITORING AND MONTHLY NOISE LEVEL MEASUREMENT FOR 02 YEAR AT AND AROUND SITES OF 900MW ARUN-3 HYDRO POWER PROJECT.”**

**Tumlingtar**

**MAY, 2026**

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**SECTION-I**

**NOTICE INVITING TENDER**

एसजेवीएन अरुण-3 पावर डवलपमेंट कंपनी प्रा. लि.  
SJVN Arun-3 Power Development Company Pvt. Ltd.

(एसजेवीएन की पूर्ण स्वामित्व वाली अधीनस्थ कंपनी)

(A wholly owned subsidiary of SJVN)

900 मेगावाट अरुण-3 जलविद्युत परियोजना  
900 MW Arun-3 Hydro Power Project

Regd. No.: 111808/69/070



Ref. No.: SAPDC/P&C/ Arun-3 HEP/PCD-283/2026-322

Date: 04.05.2026

**Notice Inviting Tender (NIT) & Instructions to Bidders (ITB)**

1.0 SJVN Arun-3 Power Development Company (P) Ltd. (SAPDC/Employer), Tumlingtar, Nepal (A Subsidiary of SJVN a joint venture of GOI & H.P.) having Registered office at Kathmandu, Nepal invites Sealed Bid under single stage two Envelopes bid system on item rate basis from the eligible Bidders/Contractors of Nepal for the following work:

1.	<b>Name of Work</b>	Hiring of an Agency for quarterly Ambient Air Quality Monitoring, Monthly Water Quality Monitoring and Monthly Noise Level Measurement for 02 year at and around sites of 900MW Arun-3 Hydro Power Project.
1.1	<b>Tender No.</b>	PCD-283/2026
1.2	<b>NIT reference</b>	PCD-283/2026
1.3	<b>Time Allowed for Completion of whole of the works</b>	Two (02) Year to be reckoned from the date of issuance of Letter of Acceptance.
1.4	<b>Estimated Cost</b>	<b>NPR 19,20,000/- (Excluding VAT)</b>
1.5	<b>Cost of Bidding Document (Non-refundable).</b>	<b>NPR 1,000*/-</b> in the form of Bank Draft (in original)/Manager's cheque (in original) payable at Khandbari, Nepal in favor of "SAPDC-NPR CONSTRUCTION ACCOUNT"  Alternatively, payment against Cost of Tender Document may be made directly in the bank account of SAPDC as mentioned below: - <b>Bank Account Details:</b> Name of Bank: Everest Bank Limited, Nepal Name of beneficiary: "SAPDC-NPR CONSTRUCTION ACCOUNT" Account No. 00800105200477 Swift Code: EVBLNPKA <b>*Bidder shall be responsible to ensure the receipt of net payable amount NPR 1,000/- (i.e. excluding bank transfer charges etc.) in the above-mentioned account, before last date &amp; time of submission of bid.</b>  <b>However, if Bidder/Firm opt for submission of Cost of Bidding Document directly in the bank</b>

		account of SAPDC, then the documentary evidence/ proof of same (swift statement/ transfer statement/ account statement) has to be submitted along with technical bid in Part-I.
1.6	<i>Deleted without change in Sr. No.</i>	<i>Deleted without change in Sr. No.</i>
1.7	<b>Earnest Money Deposit/Bid Security</b>	<b>NPR 38,400/- (to be submitted as per clause no. 14)</b>
1.8	<i>Deleted without change in Sr. No.</i>	<i>Deleted without change in Sr. No.</i>
1.9	<b>Last date &amp; time for submission of Bid(s).</b>	<b>26.05.2026 upto 1530 Hours.</b>
1.10	<b>Time and Date for opening Technical Bid(s).</b>	<b>26.05.2026 at 1600 Hours.</b>
1.11	<b>Time and Date of opening Financial Bid(s).</b>	Shall be intimated later on websites only. <a href="https://sjvn.nic.in">https://sjvn.nic.in</a> & <a href="https://sapdc.com.np">https://sapdc.com.np</a>
1.12	<b>Bid validity period</b>	180 days from the last date of submission of bids.
1.13	<b>Place of submission/opening bid/Bids</b>	<b>Chief Engineer (P&amp;C), SAPDC, Arun-3 HEP, Satluj Bhawan, Arun Sadan, Tumlingtar, Distt. Sankhuwasabha, Nepal</b>
1.14	<b>Authority/Officer inviting Tender</b>	<b>Ph. +977-29-575154 E-mail Address: <a href="mailto:pnc.sapdc@sjvn.nic.in">pnc.sapdc@sjvn.nic.in</a></b>

The bidding document containing NIT & Instructions to Bidders, General Conditions of Contract, Special Conditions of Contract, Specifications, Bill of Quantities etc. can be downloaded from websites <https://www.sjvn.nic.in> and <https://www.sapdc.com.np>. The bidders may submit their bid either by post/courier or physically in the tender box kept as per Sr. No. 1.13 herein-above prior to the last date for submission of bids. Bids of those Bidders who have submitted the requisite tender document fee and EMD acceptable to Employer only shall be considered for bid evaluation.

## 2.0 Eligibility

### 2.1 Minimum Qualifying Criteria

**To qualify for award of the Contract each bidder should have;**

- Average Annual turnover during the last three Financial years, ending 15th July, 2025 should be at least i.e. **NPR 5,76,000/-**

In support of above, Annual Accounts/Audited Balance sheet Reports and/or tax clearance certificate from the Inland Revenue Department or documents showing submission of tax returns for the past three financial years shall be furnished by the Bidder.

- Experience of Successful Completion of similar work(s) during last seven years (the end

date of completion of work should fall within the preceding 7 years) ending last day of month previous to the one in which bids are invited as Contractor/sub-contractor/Joint Venture (JV) member, at least amount either of the following: -

One Similar Work costing not less than **NPR 15,36,000/-** excluding VAT.

Or

Two Similar Works each of costing not less than **NPR 9,60,000/-** excluding VAT.

Or

Three Similar Work each of costing not less than **NPR 7,68,000/-** excluding VAT.

Similar Work means “**Air and Water Quality, and Noise Level Monitoring**”.

In support of above technical criteria, the bidder shall submit copies of award letter/contract agreement along with successful completion certificate from the agency/firm for which work was executed.

**In case work has been executed by bidder as Joint Venture (JV), value of the work executed shall be considered in proportionate to percentage participation in JV.**

- c) The agency/bidders should have accreditation from the Nepal Bureau of Standards and Metrology (NBSM) or possess ISO/IEC 17025 certification.
- d) Bidders intend to participate as Joint venture/Consortium are not eligible to bid.
- e) Even though the bidders meet the above qualifying criteria; they are subject to be disqualified if they have:
  - i. made misleading or false representations in the forms, statements, declarations and attachments submitted in proof of the qualification requirements; and/or

### **3.0 Time for completion**

The time for completion of work shall be as per para 1.3 NIT & ITB.

- 4.0** Interested Bidders may download the Tender documents from <http://sjvn.nic.in/tender.htm> or [www.sapdc.com.np](http://www.sapdc.com.np) and submit their offer along with the cost of Tender Document and EMD as mentioned under para 1.5 & 1.7 herein-above respectively.

### **5.0 Cost of Bidding**

The bidder shall bear all costs associated with the preparation and submission of his bid and SAPDC will in no case be responsible or liable for these costs, regardless of the conduct or outcome of the bidding process.

### **6.0 Site Visit**

- 6.1 The Bidder is advised to visit and examine the Site of Works and its surroundings and obtain for itself, on his own responsibility, all information that may be necessary for preparing the bid. The bidder shall assess and satisfy himself as to the adequacy of the local conditions such as approach roads to the site, adequacy of existing culverts/ bridges/ roads for the expected traffic, water and power supply, nature of ground and sub-soil conditions, water table level, accommodation required during the Contract, river, geological and climate conditions, local terrain, availability of labour, construction materials, details of taxes, royalties duties and levies as applicable in Nepal and any other information required. The costs of visiting the Site shall

be at the Bidder's own expense.

6.2 The bidder and any of his personnel or agents will be granted permission by the SAPDC to enter upon its premises and lands for the purpose of such inspection but only upon the express condition that the bidder, his personnel or agents shall release and indemnify the SAPDC and its personnel and agents from and against all liability in respect thereof and shall be responsible for personal injury (whether fatal or otherwise), loss of or damage to property and any other loss, damage, cost and expenses however caused, which, but for the exercise of such permission would not have arisen.

7.0 The bidder is expected to examine carefully all instructions, terms and conditions, Performa and specifications in the Bidding Documents. Failure to comply with the requirements of bid documents shall be at the bidder's own risk. However, after study of the documents if the bidder notices any error in typing, spellings and/or any omission the same can be brought to the notice of Employer at least 15 days prior to the deadline for submission of bids. It shall be the sole discretion of the Employer to consider such errors/omissions for which necessary corrigendum will be issued.

#### **8.0 Clarification of Bidding Documents**

A prospective bidder requiring any clarification of the bidding documents may notify to the Chief Engineer (P&C), SAPDC, Arun-3 HEP, Satluj Bhawan, Arun Sadan, Tumlingtar, Distt. Sankhuwasabha, Nepal. Ph: +977-29-575154.

#### **9.0 Amendment of Bidding Documents**

9.1 At any time prior to the deadline for submission of bids, the SAPDC may amend the Bidding Documents by the issuance of an addendum/corrigendum.

9.2 The corrigendum's and amendments if any shall be uploaded only on <http://sjvn.nic.in/tender.htm> or [www.sapdc.com.np](http://www.sapdc.com.np), all the bidders are requested to frequently visit the web sites till the schedule date of submission of bid.

9.3 The addendum thus issued shall be part of the bidding documents and shall be communicated to all prospective bidders who have purchased the Bidding Documents. Prospective bidders shall promptly acknowledge receipt thereof to the SAPDC.

9.4 In order to afford prospective bidders reasonable time in which to take an addendum into account for preparing their bids, the SAPDC may, at its discretion extend, as necessary, the deadline for submission of bids in accordance with Para-18 hereof.

#### **10.0 Language of bid**

The bid prepared by the bidder and all correspondence and documents thereto exchanged by the bidder and the SAPDC be written in English language. Supporting documents and printed literature furnished by the bidder with the bid may be in another language provided these are accompanied by an appropriate translation of pertinent passages in English language. For the purpose of interpretation of the bid, the English language shall prevail.

#### **11.0 Bid Prices**

11.1 Unless stated otherwise in the Bidding Documents, the Contract shall be for the whole Works as described in the Bidding Documents based on Priced Schedule/ Priced Bill of Quantity submitted by the bidder.

11.2 The bidder shall offer rates & prices **Excluding VAT** "on Firm Price Basis" in the Priced Schedule/Bill of Quantities of the Bidding documents and shall not be subject to adjustment on any account.

- 11.3 The rates and amounts shall be quoted in decimal in such a manner that no interpolation is possible. The rates & offered discount (if any) shall be written both in words and figures. In case of ambiguities in between the rates/offered discount in figures and the rates/offered discount in words, the rates/offered discount 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. Corrections, if any, shall be made by crossing out, initialing, dating and rewriting. Corrections by applying correcting fluid shall not be permitted.
- 11.4 The bidder shall fill in unit rates and prices for all items of Works described in the Bill of Quantities/Priced Schedule. Items against which no rate or price is entered by the bidder will not be paid for by the SAPDC when executed, and shall be deemed to be covered by the other rates and prices in the Bill of Quantities/Priced Schedule. However, the rate for excess over quantities of such items beyond deviation limit prescribed under the contract will be worked out in accordance with the provisions contained in the Contract.
- 11.5 Only unconditional discount offered by the Bidder on the Performa for Price Bid shall be considered for evaluation. The percentage (%) offered discount should be fill in both figure & words. However, if bidder will not offer any discount on their quoted amount at BOQ then the bidder should mention 'Nil' at the offered discount column/row at BOQ.
- 11.6 As regards the Income Tax, Surcharge on income tax, & any other Taxes as applicable in Nepal, SAPDC shall not bear any Tax liability whatsoever (Except VAT). The Bidder shall be liable and responsible for payment of such Taxes if applicable under the provision of law at present or in future in Nepal. SAPDC will deduct TDS (Tax deductions at Source) as applicable. The details/information towards the deductions shall be issued by SAPDC.  
VAT shall be paid extra by SAPDC as per actual on production of documentary evidence.

## **12.0 Currencies of Bid and Payment**

The unit rates and prices shall be quoted by the bidder entirely in Nepalese Rupees (NPR) and the payment shall also be made in Nepalese Rupees (NPR).

## **13.0 Bid Validity Period**

- 13.1 Bids shall remain valid for acceptance for a period of 180 days (one hundred eighty days) from the date of opening of Techno-Commercial Bids prescribed in Para-21.0 hereof.
- 13.2 The SAPDC may request the bidders to extend the period of validity for a specified additional period. The request and the bidder's response shall be made in writing. A bidder may refuse the request without forfeiting his bid security. A bidder agreeing to the request will not be permitted to modify his bid, but will be required to extend the validity of his bid security for the period of the extension and in compliance with Para-14.0 hereof in all respects.

## **14.0 Bid Security/Earnest Money Deposit (EMD)**

- (i) Earnest Money (**NPR 38,400/-**) shall be submitted in the shape of Bank Draft (in original)/Manager Cheque (in original) in the name of **SAPDC-NPR CONSTRUCTION ACCOUNT** payable at Khandbari, Nepal.

Or

FDR ((in original) (duly pledged in favor of SJVN Arun-3 Power Development Company Pvt. Ltd. (SAPDC))).

Or

Bank Guarantee (in original) in favor of SJVN Arun-3 Power Development Company Pvt. Ltd. (SAPDC) acceptable to SAPDC for an amount as mentioned at para 1.7 herein-above.

The Bank Guarantee against Earnest Money shall remain valid for 45 days beyond the

period of validity of bid i.e. total **225 days** from the last date of submission of bids

Or

**Alternatively, Cost of bidding document may be made directly in the bank account of SAPDC as mentioned below:-**

Bank Account Details:

Everest Bank Limited

Name: SAPDC-NPR Construction Account Account

No.: 00800105200477

Swift Code: EVBLNPKA

Earnest Money Deposit shall remain format provided in tender document.

**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.**

(ii) The Earnest Money may be forfeited:

a) if the Bidder withdraws the Bid after bid opening (technical bid) during the period of Bid validity;

Or

b) if the bidder does not accept the correction of bid price pursuant to clause 24 of NIT & ITB.

Or

c) if the Bidder adopts corrupt or fraudulent practices

Or

d) in the case of a successful Bidder, if the Bidder fails within the specified time limit to  
i. sign the Agreement; and/or  
ii. furnish the required Performance Security Deposit.

(iii) The Earnest Money of the successful Bidder will be discharged within 28 days after the Bidder has signed the Agreement and/or furnished the required Performance Security Deposit.

(iv) The EMD of unsuccessful Firm(s)/Agency(ies) shall be released within 30 days without any interest after declaration of non-responsive. Further, EMD of responsive bidders (other than L1 bidder) shall be released within 30 days without any interest after the issuance of Letter of Acceptance of successful Firm(s)/Agency(ies).

(v) No interest shall be payable by SAPDC on EMD/ performance security.

## **15.0 Variation in Bidding Conditions**

Bidder shall submit offers which comply fully with the requirements of the Bidding Documents. Bids which take deviations from the conditions of the contract will not be considered.

## **16.0 Signing of bid**

16.1 The bid shall be typed or written in indelible ink and shall be signed by a person or persons duly authorized to sign on behalf of the bidder. All the pages of the bid shall be signed and stamped at the lower right-hand corner by the person or persons signing the bid.

16.2 The bid shall not contain any alterations or additions or deletions except those to comply with the instructions issued by the Employer or as necessary to correct errors made by the bidder in which case, such corrections shall be initialed by the person or persons signing the bid.

**17.0 Documents comprising the bid and manner of Submission thereof:**

17.1 The bid shall consist of two parts as under:

**Part –I (Envelope-I): Techno-commercial bid (excluding price bid).**

- i. Cost of Tender Document (as per Sr. No. 1.5).
- ii. Bid Security/EMD in the form and amount as per bid conditions (as per Sr. No 14.0).
- iii. Duly filled in stamped and signed by authorized signatory:
  - a) Tender Form,
  - b) Form of Declaration,
  - c) Undertaking regarding Blacklisting,
  - d) Bank Account detail,
  - e) Others Form: **Form-A, Form-B** and other undertakings,
- iv. Supportive document in respect of Minimum Qualification requirements (as per Sr. No 2)
- v. Photo copy of VAT/PAN Number and company Registration certificate(in case of firm/company bidder shall submit the certificate of incorporation along with Article of Association (AOA) & Memorandum of Association (MOA)/ Registration certification), Accreditation from Nepal Bureau of Standards and Metrology (NBSM) or possess ISO/IEC 17025 certification.
- vi. Power of Attorney in favor of authorized signatory.

**Part – II (Envelope-II): Price Bid**

Comprising of Price Bid, duly filled in & signed Bill of Quantities (BOQ).

17.2 A rate or price shall be entered against each item in the priced Bill of Quantities (Price Schedule), whether quantities are stated or not. The cost of items against which the Contractor has failed to enter a rate or price shall be deemed to be covered by other rates and prices entered in the Bill of Quantities (Price Schedule).

17.3 In the “Techno-Commercial” part of the bid the bidder shall not give any indication about the bid price in any manner whatsoever. Non-compliance of this provision may result in the rejection of bid.

17.4 The part II of the bid (i.e. Price bid) shall be strictly in accordance with the forms provided in the Bill of Quantities /Price Schedule.

17.5 The bidder shall not take any deviation from the bid conditions.

17.6 The bidder shall also fill, sign and stamp each page of the documents forming part of the bid, on the left hand cover (bottom side).

**17.7 The Part-I & Part-II of the bids shall be packed and submitted in the following manner.**

- i. Part-I & Part-II of the bids shall be kept in separate sealed envelopes/covers duly super scribed with the “The Part-I (Techno Commercial Bid including Bid security, Cost of Tender Document) and Part-II (Price Bid).

**On upper left hand corner.**

- i. Bid for (Name of Work)
- ii. Do not open before *{insert last date of submission}*
- iii. To be opened by tender committee only.

**In the center of the cover.**

Name of the person/ officer and the office address to whom bid is addressed.

**On the bottom left hand corner:**

Name and address of the bidder.

- 17.8 The bids as above shall be submitted either in person or through courier or by post to following address:-

**Chief Engineer (P&C),  
Arun-3 HEP, SAPDC, Satluj Bhawan, Arun Sadan,  
Tumlingtar, Distt. Sankhuwasabha, Nepal  
Ph. +977-29-575154**

However, SAPDC not be responsible for any delay in receipt due to any reason whatsoever and/ or for loss of the bid in postal transit.

**18.0 Dead line for Submission of Bids**

- 18.1 The bids shall be received by the SAPDC not later than the time & date at the address specified at Para 1.9 and 1.13 here-in above.
- 18.2 The SAPDC may extend the deadline for submission of bids by issuing an amendment in accordance with Para 9.0 hereof, in which case all rights and obligations of the SAPDC and the bidders previously subject to the original deadline will then be subject to the new deadline.

**19.0 Late/Delayed Bids**

Any bid received by the SAPDC after the deadline prescribed by the SAPDC in accordance with Para-18.0 hereof will be returned un-opened to the bidder.

**20.0 Modification and Withdrawal of Bids**

- 20.1 The bidder may modify or withdraw his bid after bid submission, provided that the modification or notice of withdrawal is received in writing by the SAPDC prior to the prescribed deadline for submission of bids.
- 20.2 The bidder's modification or notice of withdrawal shall be prepared, sealed, marked and delivered in accordance with the Para 16.0 & 17.0 hereof, with the inner envelopes additionally marked "Modification" or "Withdrawal" as appropriate.
- 20.3 Subject to Para-22.0, no bid may be modified subsequent to the deadline for submission of bids.
- 20.4 Withdrawal/Modification of bid between the deadline for submission of bids and the expiry of the period of bid validity or as extended pursuant to Para-13.0 hereof shall result in the forfeiture of the bid security pursuant to Para-14.0 hereof.

**21.0 Bid Opening**

- 21.1 Bids for which an acceptable notice of withdrawal has been submitted pursuant to Para-20.0 hereof shall not be opened.
- 21.2 Then, the Part-I of the bid i.e., the envelope containing bid security & cost of tender document and the document as per 17.1 of ITB shall be opened. The bids whose bid security/ cost of tender document is either deficient in value and/ or form, will be rejected out rightly & will not be evaluated further. The envelope of modification pursuant to Para-20 hereof, if any, to this part of bid shall be opened first.
- 21.3 The "Price Bid" (Part-II of the bid) shall be opened at a subsequent date for which a separate intimation will be sent. It will be discretion of the SAPDC to invite all the bidders to be present at the time of opening of price bids or only those bidders whose bids are ascertained to be techno-

commercially responsive. The envelope of modification pursuant to Para-20 hereof, if any, to this part of bid shall be opened first.

- 21.4 Bidder's authorized representatives may attend the bid opening. The officers of the SAPDC authorized for opening of bids will announce the bidder's name, written notifications of bid withdrawal if any, the presence or absence of the requisite bid security, the deviations taken by the bidder's etc., and any such detail as the said officer(s) may consider appropriate. The bidder's representative(s) shall sign register provided by SAPDC for evidencing their participation in the process of bid opening.

## **22.0 Clarification of Bids**

To assist in the examination, evaluation and comparison of bids, the SAPDC may ask bidders individually for clarification of their bids. The request for clarification and the response shall be in writing or by email, but no change in the price or substance of the bid shall be sought, offered or permitted except as required to confirm the correction of arithmetic errors discovered by the SAPDC during the evaluation of the bids in accordance with sub-Para-24.1 hereof.

## **23.0 Determination of Responsiveness & Techno-Commercial evaluation**

- 23.1 Prior to the detailed evaluation of bids, the SAPDC will determine whether each bid:
- i) meets the eligibility requirements set out under Para 2.0 hereof;
  - ii) has been properly signed by an authorized Signatory.
  - iii) is accompanied by the required securities, and
  - iv) is substantially responsive to the requirements of the bidding documents.
- 23.2 A substantially responsive bid is one, which conforms to all the terms, conditions and specifications of the Bidding Documents without material deviation or reservation. A material deviation or reservation is one:
- i) which affects in any substantial way the scope, quality, or performance of the Works;
  - ii) which limits in any substantial way, inconsistent with the Bidding documents, the SAPDC rights or the bidder's obligations under the Contract; or
  - iii) whose rectification would affect unfairly the competitive position of other bidders presenting substantially responsive bids.
- 23.3 If a bid is not substantially responsive, it will be rejected by the SAPDC and may not subsequently be made responsive by correction or withdrawal of the non-conforming deviation or reservation or by submission of subsequent clarifications.

## **24.0 Commercial evaluation**

- 24.1 Bids determined to be substantially responsive will be checked by the SAPDC for any arithmetic errors. Errors will be corrected by the SAPDC as follows:
- i) Where there is a discrepancy between unit rate/offered discount (if any) in figures and in words, the unit rate/offered discount in words will govern; and
  - ii) Where there is a discrepancy between the unit rate and the line item total resulting from multiplying the unit rate by the quantity, the unit rate as quoted in words will govern.
  - iii) In case error due to wrong extension of quantities, the quantities as specified in the Bid documents will be considered and multiplied by the unit rates quoted in words to obtain the amount.
  - iv) The offered discount (if any) by the Bidder will be uniformly distributed/applicable to each item of BOQ.
- 24.2 The amount stated in the Bid will be adjusted by the SAPDC in accordance with the above

procedure for the correction of errors and shall be considered as binding upon the bidder. If the bidder does not accept the corrected amount of bid, his bid will be rejected and the bid security shall be forfeited.

### **24.3 Evaluation and Comparison of Bids**

24.3.1 The SAPDC will evaluate and compare only the bids determined to be substantially responsive to the requirements of the Bidding Documents in accordance with Para-23.0 hereof.

24.3.2 In evaluating bids, SAPDC will determine, for each bid, the Evaluated Bid Price by adjusting the bid price as follows.

- i) Making any correction for errors pursuant to sub-Para-24.1 hereof;
- ii) Making an appropriate adjustment to reflect discounts or other price modifications offered in accordance with Para-20.0 hereof.
- iii) Making an appropriate adjustment for the discount offered by the Bidder. Only unconditional discount offered by the bidder on the Performa for Price Bid shall be considered.

### **25.0 Award Criteria**

Subject to Para-26.0 hereof, the SAPDC will award the contract to the bidder whose bid has been determined to be substantially responsive to the Bidding documents and who has offered the lowest evaluated bid price pursuant to Para-24.0 hereof and the evaluated Bid Price is within a reasonable variation of the estimated cost of tendered Works.

### **26.0 SAPDC Right to accept any Bid and to reject any or All Bids**

Notwithstanding Para-25.0, the SAPDC reserves the right to accept or reject any bid or to annul the bidding process and reject all bids, at any time prior to award of Contract, without thereby incurring any liability to the affected bidder or bidders or any obligation to inform the affected bidder or bidders of the grounds for the SAPDC action.

### **27.0 Notification of Award**

27.1 Prior to the expiration of the period of bid validity prescribed by the SAPDC or any extension thereof, the SAPDC will notify the successful bidder in writing that his bid has been accepted. This letter (hereinafter and in the Conditions of Contract called "Letter of Acceptance") shall name the sum which the SAPDC will pay to the Contractor in consideration of the execution, completion and maintenance of the Works by the Contractor

as prescribed by the Contract (hereinafter and in the Conditions of Contract called "the Contract Price").

27.2 The notification of award will constitute the formation of the Contract.

### **28.0 Signing of Agreement**

28.1 The Agreement will incorporate all agreements between the Employer and the successful bidder. It will be signed by the Employer and the successful bidder after the performance security deposit is furnished. After receipt of security deposit, the Employer shall notify the contractor about the readiness of the Agreement. The Agreement shall be signed within 14 days from the date of issue of such notice to the Contractor. The contractor shall provide to the Employer 04 sets of Spiral bound Contract Agreement after its execution, free of charge.

28.2 Failure on the part of the successful bidder to comply with the requirements of this para shall constitute sufficient grounds for the annulment of the award and forfeiture of the bid security.

### **29.0 Performance Security**

a) Contractor shall furnish a "Performance Security" towards contract performance security

within 28 days from the issue of letter of award in one of the form as detailed below: -

(i) Bank Draft (in original) /Manager Cheque (in original) in the name of SAPDC-NPR CONSTRUCTION ACCOUNT payable at Khandbari, Nepal.

or

(ii) FDR (in original) (duly pledged in favour of **SJVN Arun-3 Power Development Company Pvt. Ltd. (SAPDC)**).

or

(iii) An irrevocable valid and fully enforceable Bank Guarantee (in original) from a Commercial (Class A) bank of Nepal in favour of **SJVN Arun-3 Power Development Company Pvt. Ltd. (SAPDC)** acceptable to SAPDC.

- b) The Performance Security amount shall be equal to 5% of the Contract Price for the faithful performance of the contract in accordance with the terms and conditions specified in the contract. The guarantee shall be valid till **60 days beyond contract Period**. The above contract performance guarantee shall be liable for forfeiture in case of failure of the bidder to fulfill its contractual obligations under the contract.
- c) The performance guarantee will be returned to the contractor within 28 days after contract Period without any interest and “Satisfactory Performance Certificate” issued by EIC (Engineer-in-Charge). Failure of the successful Bidder to comply with the requirements of Clause 29(b) shall constitute sufficient grounds for cancellation of the award and forfeiture of the Earnest Money Deposit. He will also be debarred from participating in bids invited by the Project for one year.
- d) In case of delay in submission of performance security beyond 28 days as provided in clause 29.0(a) above, interest @ SBI, India one year MCLR +200 Basis points applicable on the date of bid submission shall be charged on per day basis up to the date of delay in submission. However, delayed acceptance beyond 56 days shall be at the sole discretion of SAPDC and Letter of Acceptance/ award (LOA) shall be subject to cancellation and forfeiture of EMD along with other suitable action as per bid document.
- e) The notification of Award (NOA)/Letter of Acceptance (LOA) will constitute the formation of the Contract until formal agreement is signed and further subject only to the furnishing of a performance security deposit in accordance with the relevant provisions of Tender/Bid Document.

### **30. Corrupt or Fraudulent Practices**

The Employer requires the bidders/Contractors under this contract observe the highest standard of ethics during the procurement and execution of this contract. In pursuance of this policy, the Employer:

- (a) defines, for the purpose of these provisions, the terms set forth below as follows:
- (i) “corrupt practice” means the offering, giving, receiving or soliciting anything of value to influence the action of a public official in the procurement process or in contract execution; and
- (ii) “fraudulent practice” means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to be detriment of the Employer, and includes collusive practice among Bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the Employer of the benefits of free and open competition.
- (b) will reject a Bid for award of work if he determines that the Bidder recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question.
- (c) will declare a Bidder ineligible, either indefinitely or for a stated period of time, to be awarded

a contract/contracts if he at any time determines that the Bidder has engaged in corrupt or fraudulent practices in competing for, or in executing, the contract.

**31. For any enquiry/clarification for submission of bid and any other information, the Bidders may contact to:**

Name	Designation	Contact No.	Address
Sudeep Kumar Bhargava	Chief Engineer (P&C)	Tel no: +977-029-575154 E-mail Address: <a href="mailto:pnc.sapdc@sjvn.nic.in">pnc.sapdc@sjvn.nic.in</a>	P&C Department, Satluj Bhawan, Arun Sadan, SAPDC, Tumlingtar, Distt. Sankhuwasabha, Nepal.
Kirti Swaroop	DGM (P&C)		

**For & on the behalf of SAPDC**

**Sd/-**  
**Chief Engineer (P&C)**  
Satluj Bhawan, Arun Sadan,  
SAPDC, Tumlingtar,  
Distt. Sankhuwasabha, Nepal  
Ph. +977-29-575154,  
E-mail Address: [pnc.sapdc@sjvn.nic.in](mailto:pnc.sapdc@sjvn.nic.in)

## **SECTION-II**

### **DETAILED SCOPE OF WORK AND DETAILS OF MONITORING PLAN**

## DETAILED SCOPE OF WORK AND DETAILS OF MONITORING PLAN

### **I. The brief scope of work shall include but not be limited to the Following:**

The Scope of work for "Hiring of an Agency for 02 years for Ambient Air Quality Monitoring, Water Quality Monitoring and Noise Level Measurement at and around sites of 900 MW Arun-3 HPP" are as under

1. Quarterly Ambient Air Quality Monitoring:  
Sampling and analysis of Ambient Air Quality on seasonal basis for Total Suspended Particulates (TSP), PM, Sulphur Dioxide (SO<sub>2</sub>), Nitrogen Oxides (NO<sub>x</sub>) and Carbon Monoxide (CO) at 02 different Locations (Power House site and Dam site) of Arun-3 Hydro Power Project.
2. Monthly Noise Level Measurement:  
Noise Level Measurement at 02 different locations (Power House site and Dam site) of Arun-3 Hydro Power Project.
3. Monthly Water Quality Monitoring:  
Sampling and analysis of Water Samples on monthly basis for parameters like PH, Dissolve Oxygen, Total Dissolved Solids (TDS), Calcium, Magnesium, Chloride, Phenolic Compounds, Ammonical Nitrogen, Sulphides, Biochemical Oxygen Demand for 5 days at 20°C (BOD), Chemical Oxygen Demand (COD), Oil & Grease, Nitrogen Total, Phosphorus, Fluorides, Sodium, Arsenic, Cadmium, Chromium, Lead, Mercury, Cyanide, Nickel, Copper, Zinc, Iron, Manganese and E coli at 05 different locations [(river Arun U/s Dam site, river Arun d/s Dam site, river Arun at Tail Race Tunnel, Sankhuwakhola (a tributary of river Arun) and Num Village (Tap Water)]

Also, preparation and submission of reports for aforementioned monitoring in 03 number hard copies and soft copy on e-mail (env sjvinnepal@sjvn.nic.in) within 01 month after completion of each monitoring cycle.

### **II. Details Of Monitoring Plan:**

**Table - (i) Monitoring Schedule and Number of Samples:**

<b>Sr. No.</b>	<b>Monitoring Type</b>	<b>Monitoring schedule</b>	<b>No. of sampling locations</b>	<b>No. of Samples for 01 Year (C x D)</b>	<b>No. of Samples for 02 Year (E x 2)</b>
<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>
1.	Ambient Air Quality monitoring	Seasonal	02	02×03 = 06	02×03×02 =12
2.	Noise Level Measurement	Monthly	02	02×12 = 24	02×12×02 = 48
3.	Water Quality Monitoring	Monthly	05	05 × 12 = 60	05×12×02 = 120

**Table- (ii) Monitoring Parameters, Indicators, Locations and methodology:**

<b>Sr. No.</b>	<b>Parameters</b>	<b>Indicators</b>	<b>Methods</b>	<b>Locations</b>
<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>
1.	Ambient Air Quality monitoring	TSP, PM <sub>10</sub> , SO <sub>2</sub> , NO <sub>x</sub> and CO	Methodology mentioned in Ambient Air Quality Standard, 2069	Power House site and Dam site of Arun-3 HPP.
2.	Noise Level Measurement	Noise Level (dBA)	Measurement by sound level meter	
3.	Water Quality Monitoring	PH, DO, TDS, Ca, Mg, Chloride, Phenolic Compounds, Ammonical Nitrogen, Sulphides, BOD <sub>5</sub> , COD, O&G, Nitrogen Total, Phosphorus, F, Na, As, Cd, Cr+6, Pb, Hg, CN, Ni, Cu, Zn, Fe, Mn and E. coli	As per APHA ( <i>Standard Methods for the Examination of Water and Wastewater</i> )	05 different locations at and around Arun-3 HPP [(river Arun U/s Dam site, river Arun d/s Dam site, river Arun at Tail Race Tunnel, Sankhuwakhola (a tributary of river Arun) and Num Village (Tap Water)].

## **SECTION-III**

**TENDER FORM, FORMS OF DECLARATION AND UNDERTAKING,  
QUALIFICATION INFORMATION FORMS AND RELATED PARTY  
DECLARATION FORM (THIRD PARTY / COUNTER PARTY)**

# TENDER FORM

To  
Chief Engineer (P&C),  
Satluj Bhawan, Arun Sadan,  
SAPDC Office Complex, Tumlingtar.

1. We have read and examined the following Bidding Documents relating to (PCD-283/2026) **“Hiring of an Agency for quarterly Ambient Air Quality Monitoring, Monthly Water Quality Monitoring and Monthly Noise Level Measurement for 02 year at and around sites of 900MW Arun-3 Hydro Power Project.”**

Section-I	Notice Inviting Tender (NIT) and Instructions To Bidders (ITB)
Section-II	Detailed Scope of Work and Details of Monitoring Plan
Section-III	Tender form, forms of Declaration and Undertaking, Qualification Information Forms and Related Party Declaration (Third Party / Counter Party)
Section-IV	General Conditions of Contract (GCC)
Section –V	Contract Forms
Section-VI	Special Conditions of Contract (SCC) and Brief Description of Projects
Section-VII	Bill of Quantities

2. We hereby tender for execution of the work referred to in the documents mentioned in paragraph one above upon the terms and conditions contained or referred to in the aforesaid documents and in accordance in all respects with the specifications, designs, drawings and other details given herein and at the rates contained in **Schedule-A** and within the period(s) of completion as given in **Schedule-B** and subject to such terms and conditions as stipulated in the enclosed Bidding Documents.
3. We agree to keep this tender open for acceptance for 180 days after the last date for submission of bid and also agree not to make any modifications in its terms and conditions on our own accord.
4. Earnest Money Deposit of requisite amount as specified in bidding document is hereby enclosed in the form of a Bank Draft (In Original)/Manager Cheque(In Original) /FDR (In Original)(duly pledged in favour of **“SAPDC- NPR CONSTRUCTION ACCOUNT”**)/Bank Guarantee (In Original) in favor of **SJVN Arun-3 Power Development Company Pvt. Ltd.** payable at Khandbari acceptable to SJVN Arun-3 Power Development Company Private Limited. We agree that if we fail to keep the validity of tender open, as aforesaid, or make any modification in the terms and conditions of our tender on our own accord and/or fail to commence the execution of the works as provided in the documents referred to in paragraph-1 above, after the acceptance of our tender, we shall become liable for forfeiture of our earnest money, as aforesaid, and the Employer shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely.

Should this tender be accepted, we agree to abide by and fulfil all the terms and conditions and provisions of the above mentioned Bidding Documents.

We certify that the Tender submitted by us is strictly in accordance with the terms, conditions, specifications etc. as contained in your Bidding Documents, referred to in paragraph-1 above, and it does not contain any deviations to the aforesaid documents. It is further certified that information furnished in the Tender submitted by us is correct to the best of our knowledge and belief.

(Signature of person duly authorized to sign the Tender on behalf of the bidder along with Seal of Company)

**Name** \_\_\_\_\_

**Designation** \_\_\_\_\_

**Contact No. /Email ID** \_\_\_\_\_

**Witness:**

Name \_\_\_\_\_

Signature \_\_\_\_\_ Designation \_\_\_\_\_

Date \_\_\_\_\_ Name of Company \_\_\_\_\_

Name & Address \_\_\_\_\_

\_\_\_\_\_ Date: \_\_\_\_\_

Postal Address \_\_\_\_\_

Telegraphic Address: \_\_\_\_\_

Telephone No. \_\_\_\_\_ Telex

No. \_\_\_\_\_

**FORM OF DECLARATION-(PCD-283/2026)**

M/s .....(Name of Bidder) having its registered office at.....(hereinafter referred to as the Bidder) having carefully studied all the Bidding Documents, specifications, drawings, the local and site conditions etc. pertaining to the Work for “**Hiring of an Agency for quarterly Ambient Air Quality Monitoring, Monthly Water Quality Monitoring and Monthly Noise Level Measurement for 02 year at and around sites of 900MW Arun-3 Hydro Power Project.**” (PCD-283/2026).

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 Documents.
3. The Bidder is financially solvent.
4. The Bidder is experienced and competent to perform the Contract to the satisfaction of Employer.
5. The Bidder is familiar with all general and special laws, acts, ordinances, rules and regulations of the Municipalities, District, State and Central Government of Nepal that may affect the work, its performance or personnel employed therein.
6. The Bidder hereby authorizes the Employer to seek reference from the bankers of Bidder for its financial position.
7. The Bidder undertakes to abide by all labour welfare legislations.
8. The information / statement submitted by the Bidder along with the bid is true and correct in all respects.

Date:

**For and on behalf of the bidder**

.....

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

Name & Designation: -.....

E-mail :-.....

Contact. No :-.....

**DECLARATION REGARDING FRAUD AND CORRUPTION-**  
**(PCD-283/2026)**

1. We undertake that, in competing for the above work contract (and if the award of work is made to us for execution), we shall strictly observe the laws against fraud and corruption in force in Nepal.
  
2. We declare and covenant that neither we nor any member of the JV are under a declaration on ineligibility for poor performance / failure, issued by the Govt. of India/ Govt. of Nepal, State Govt./Govt. Deptt. / PSU.

Yours faithfully,

Signature

[Name and Title of Signatory]

[Name of Bidder/Firm]

**UNDERTAKING REGARDING BLACKLISTING  
(PCD-283/2026)**

To: [SAPDC, Tumlingtar Nepal]

Dear Sir,

It is hereby certified that, we..... ***Insert Name of Contractor/Firm*** as an individual or as a partner in JV are not blacklisted by Govt. of India/Govt. of Nepal & its undertaking as on date. The ***Bidder/Firm*** will immediately inform to Employer (SAPDC) in case of any change in the situation any time here in after.

We remain,

Yours sincerely,

Authorized Signature [*In full and initials*]: \_\_\_\_\_

Name and Title of Signatory: \_\_\_\_\_

Name of Bidder/Firm \_\_\_\_\_

Address: \_\_\_\_\_

Seal of the Bidder/Firm \_\_\_\_\_

**BANK ACCOUNT DETAILS-(PCD-283/2026)**

<b>Sr. No.</b>	<b>Particulars</b>	<b>#To be filled by bidder(s)</b>
<b>1.</b>	<b>Name of Bidder as per Bank record</b>	
<b>2.</b>	<b>Bank account number</b>	
<b>3.</b>	<b>Bank name</b>	
<b>4.</b>	<b>Branch address</b>	

**#Copy of cancelled cheque may also be attached`**

## Qualification Information Form-A

### AVERAGE ANNUAL TURNOVER-(PCD-283/2026)

Bidder's Name & Address

To:

SAPDC

We declare that the Average Annual Financial Turnover during the last 3 years, ending 15<sup>th</sup> July 2025 are as under:

S. No.	Period	Turnover
1.	2022-23 (AD) / 2079-80 (BS)	
2.	2023-24 (AD) / 2080-81 (BS)	
3.	2024-25 (AD) / 2081-82 (BS)	
4.	Average Annual Financial Turnover for the last three (03) completed financial years	

#### Notes:

- i) *The Currency Conversion Rate as available on website [www.gocurrency.com](http://www.gocurrency.com) as on 28 days prior to application submission deadline, shall be considered for converting the figures from foreign currency into Nepali currency. However, in case the conversion rates are not available on said website, the Employer may consider the conversion rates from other website. The decision of Employer in this regard shall be final.*

**Qualification Information Form-B**

**STATEMENT OF WORKS COMPLETED DURING LAST 7 YEARS BY THE  
CONTRACTOR-(PCD-283/2026)**

We declare that we ourselves/ as a member of Joint venture / Contractor have executed the following works during last seven (07) years reckoned from last day of the month previous to the one in which bids are invited:

<b>Sl. No.</b>	<b>Name of Work</b>	<b>Value of Work (awarded/executed)</b>	<b>Name of Client/ employer</b>	<b>Date of LOA/ Agreement</b>	<b>Actual Date of Completion</b>

**Note: -**

- i. Bidders to fill in the details as provided here-in-above and attach additional pages, if necessary.*
- ii. Bidders to enclose necessary certificates in support of above details.*
- iii. Deleted without change in Sr. No.*
- iv. Deleted without change in Sr. No.*

**Related Party Declaration - Third Party / Counterparty (PCD-283/2026)**

Name of counterparty:

Address:

PAN:

CIN/Registration No.

Nature of Transaction:

NIT/LOA/PO/MoU/Other reference No. (if any);

**Declaration**

It is hereby declared that the above-named counterparty:

1. is/is not a Related Party of SJVN Limited within the meaning of Section 2(76) of the Companies Act, 2013 and Indian Accounting Standard (Ind AS)-24.

2. In case the counterparty is a Related Party, the details are as under.

A. Nature of Related Party Relationship **(tick/specify, as applicable):**

- Director of SJVN Limited
- Key Managerial Personnel of SJVN Limited
- Relative of Director / KMP of SJVN Limited
- Entity in which Director / KMP or their relative is partner/ Director/ has control/significant influence
- Subsidiary/Associate / Joint Venture of SJVN Limited
- Any other relationship (please specify):

B. Person(s) / Entity(ies) with whom the related party relationship exists

Name of Person / Entity:

Designation/Position/Role/Association with SJVN Limited: Relationship:

3. Any change in the above particulars shall be promptly informed in writing.

**For and on behalf of:**

**Signature:**

**Name:**

**Designation:**

**Date:**

**Place:**

**Related Party Declaration - Employee(PCD-283/2026)**

Name of Employee/ Candidate:

Employee Code/ Registration/Application

no Designation/ Post Applied For:

**Declaration**

It is hereby declared that:

1. The employee/ candidate does/does not have any relationship that qualles as a Related Party relationship with SJVN Limited.

[In case of existence of a Related Party relationship, the details are as under]

A. Nature of Relationship (tick/specify, as applicable):

- Relative of Director/KMP
- Any other relationship (please specify)

B. Person(s) with whom the related party relationship exists:

Name of Person:

Designation/ Position / Role /Association with SJVN:

Limited Relationship:

4. Any change shall be promptly intimated.

**Signature of Employee/ Candidate:**

**Name:**

**Date:**

**Place:**

**SECTION –IV**

**GENERAL CONDITIONS OF  
CONTRACT (GCC)**

# **GENERAL CONDITIONS OF CONTRACT (GCC)**

## **1: DEFINITIONS:**

In the contract, the following expression shall, unless the context otherwise requires, have the meanings thereby respectively assigned to them:

- (i) **Bill of Quantities or Schedule of Quantities & Prices:** means the priced and completed bill of quantities forming part of the Contract.
- (ii) **Contract Price:** means the amount arrived at by multiplying the quantities shown in the Bill of Quantities by the respective item rates as allowed and included in the Letter of Acceptance.
- (iii) **Contractor:** means the successful Bidder who is awarded contract to perform the work covered under these Bidding Documents and shall be deemed to include the Contractor's successors, executors, representatives or assigns.
- (iv) **Corporation or Employer:** means the SJVN Arun-3 Power Development Company Private Limited having its office at Tumlingtar, Distt, Sankhuwasabha, Nepal, and includes therein legal representatives, successors and assigns.
- (v) *Deleted without change in sr. no.*
- (vi) **Day:** means a calendar day beginning and ending at midnight.
- (vii) *Deleted without change in sr. no.*
- (viii) **Engineer-in-Charge/Engineer:** means the Engineering Officer nominated by the Employer or its duly authorized representative to direct, supervise and be in charge of the works for the purpose of this contract.
- (ix) **Letter of Award or Acceptance:** means a letter from the Employer conveying the acceptance of the tender/offer subject to such reservations as may have been stated therein.
- (x) **Specifications:** means the Technical specification of the Works included in the Contract and any modification thereof or addition thereto or submitted by the Contractor and approved by the Engineer.
- (xi) *Deleted without change in sr. no.*

## **2: INTERPRETATION**

- 2.1 Words importing the singular only shall also include the plural; he includes she and vice versa unless this is repugnant to the context. Unless specifically defined, words shall have normal meaning under the language of Contract.
- 2.2 Heading and marginal notes in these General Conditions shall not be deemed to form part thereof or be taken into consideration in the interpretation or construction thereof of the Contract.
- 2.3 Any error in description, quantity or price in Bill of Quantities or any omission there from shall not vitiate the Contract or release the Contractor from execution of the whole or any part of the Works comprised therein according to drawings and Specifications or from any of his obligations under the Contract.
- 2.4 In the case of discrepancy between the Letter of acceptance issued by Employer,

Special Conditions of Contract, Technical Specifications, General Conditions of Contract and/or Bill of Quantities and other documents of Contract the following order of precedence shall prevail:

- a) Agreement
- b) Letter of Acceptance;
- c) Special Conditions of Contract;
- d) General Conditions of Contract;
- e) Detailed Scope of Work;
- f) Priced Bill of Quantities;
- g) Contractor's Bid other than BOQ;
- h) Notice Inviting Tender & Instructions to Bidders; and
- i) Any other document forming part of the Contract.

### **3.0 Contractor's Default**

- (a) If the contractor shall neglect to execute the work with due diligence and expedition or shall refuse or neglect to comply with any reasonable order give to him in writing by the EIC in connection with the work or shall contravene the provisions of the contract, the Employer may give notice in writing to the contractor to make good the failure, neglect or contravention complained of, should the contractor fail to comply with the notice within fifteen (15) days from the date of service thereof, then and in such case the Employer shall terminate the contract and shall be at liberty to comply other contractor and forthwith execute such part of the work as the contractor may have neglected to do or if the Employer shall think fit, without prejudice to any other right he may have under the contract, to take the work wholly or in part out of the contractor's hands and re-contract with any other person or persons to complete the work or any part thereof and apply any balance payment which may otherwise be due on the contract by him to the contractor, or such part thereof as may be necessary, to the payment of the cost of executing the said part of the work or of completing the work as the case may be. If the cost of completing the work or executing a part thereof as aforesaid shall exceed the balance payment due to the contract, the contractor shall pay such excess. Such payment of excess amount shall be independent of the liquidated damages for delay, which the contractor shall have to pay if the completion of work is delayed and attributable to the contractor.
- (b) The termination of the contract under this clause shall not entitle the contractor to reduce the value of the contract performance security nor the time thereof. The Contract Performance Security shall be valid for the full value and for the full period or the completion of the Contract.

### **4.0 Suspension of work**

The SAPDC reserves the right to suspend and reinstate execution of the whole or any part of the works without invalidating the provisions of the contract. Orders for suspension or reinstatement of the works will be issued by SAPDC to the contractor in writing. The time for completion of the works will be extended for a period equal to the duration of the suspension. SAPDC shall not be responsible for any liabilities, if suspension or delay is due to some fault on the part of the contractor.

### **5.0 Deployment of labour**

- i. The contractor will deploy regular/skilled workmen with experience of such type of work.
- ii. All traveling expenses including provision of all necessary transport to & fro from site, lodging, allowances and other payment to the experts/workmen shall be the sole responsibility of the contractor.
- iii. The contractor will comply with all acts/laws and other statutory provisions rules, regulations and byelaws as are applicable or which might become applicable with regard to

the performance of the work and the engagement of the experts/workers. Minimum wage as notified by the Govt. of Nepal and amended from time to time shall be ensured by the Contractor for different labour categories.

- iv. The rates shall remain firm during the execution of the contract. No escalation shall be paid.
- v. The contractor will be responsible for compensation payable arising out of accidents including payment to third party, if involved, no compensation in case of accident / damages or for death / injury to the experts/workmen will be paid by the SAPDC.

## **6.0 Insurance**

**6.1 From commencement to completion of the Work(s)** as a whole, the Contractor shall take full responsibility for the care thereof of work and for taking precautions to prevent any loss or damage. He shall be liable for any damage or loss that may happen to the Works or any part thereof and to the Employer's Plant, Equipment and Material (hired or issued to the Contractor). Any such loss or damage shall be restored in good order and condition and in conformity in every respect with the requirements of the Contract and instructions of the Engineer-in-Charge.

**6.2 (i)** Neither party to the Contract shall be liable to the other in respect of any loss or damage which may occur or arise out of "Force Majeure" to the Works or any part thereof or to any material or article at site but not incorporated in the Works or to any person or anything or material whatsoever of either party provided such a loss or damage could not have been foreseen or avoided by a prudent person and the either party shall bear losses and damages in respect of their respective men and materials. Liability of either parties shall include claims/compensation of the third party also.

**(ii)** Provided, however, in an eventuality as mentioned in sub-clause 6.2 (i) above, the following provisions shall also have effect:

- (a) The Contractor shall, as may be directed in writing by the Engineer-in-Charge proceed with the erection and completion of the works under and in accordance with the Contract; and
- (b) The Contractor shall, as may be directed in writing by the Engineer-in-Charge, re-execute the works lost or damaged, remove from the site any debris and so much of the works as shall have been damaged and carry the Employer's T&P, Equipment, Material etc. to the Employer's stores.

Provided always that the Contractor shall, at his own cost, repair and make good so much of the loss or damage as has been by any failure on his part to perform his obligations under the Contract or not taking precautions to prevent loss or damage or minimize the amount of such loss or damage.

**6.3** The Contractor shall indemnify and keep indemnified the Employer against all losses and claims for death, injuries or damage to any person or any property whatsoever which may arise out of or in consequence of the construction and maintenance of works during the Period for Completion for whole of the works and also against all claims, demands, proceedings, damages, costs, charges and expenses whatsoever in respect of or in relation thereto, and such liabilities shall include claims/compensations of the third party.

**6.4** The Contractor shall avail 'group personal accident insurance policy' covering all the personnel employed by the Contractor for execution for Works complying requirement of Workmen Compensation Act applicable in Nepal. The minimum cover for personal injury or death insurance shall, however, be not less than as per requirements of the Labour Act of Nepal.

## 6.5 Deleted without change in Sr. No.

6.6 Policies and certificates for insurance shall be delivered by the Contractor to the Engineer-in-Charge for the Engineer-in-Charge's approval before the Start Date. All such insurance shall provide for compensation to be payable in the types and proportions of currencies required to rectify the loss or damage incurred.

6.7 Alterations to the terms of insurance shall not be made without the approval of the Engineer-in-Charge.

6.8 Both parties shall comply with any conditions of the insurance policies.

6.9 The Employer shall be named as co-insured under all insurance policies taken out by the Contractor except for the Third-Party Liability, Workers' Compensation and Employer's Liability Insurances, and the Contractor's Subcontractors shall be named as co-insured's under all insurance policies taken out by the Contractor. All insurers' rights of subrogation against such co-insured's for losses or claims arising out of the performance of the Contract shall be waived under such policies.

## 7.0 Payment

i. The contractor shall submit the running bills for the actual quantities quarterly basis to EIC for verification and payment Payment shall be made on running bills basis after deduction of statutory charges and penalties (if any).

ii. *Deleted without change in sr. no.*

iii. *Deleted without change in sr. no.*

iv. *Deleted without change in sr. no.*

## 8.0 VAT/Taxes & duties

The quoted rates shall be **Excluding VAT** and VAT shall be paid extra by SAPDC as per actual on production of documentary evidence.

## 9.0 Force Majeure

The term "Force Majeure" shall herein mean riots (other than among the Contractor'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 Contractor's negligence and other such causes over which the Contractor has no control and are accepted as such by the Engineer-in-Charge, 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.

## **10.0 DEVIATIONS**

10.1 Any additional studies to be carried out shall be executed with the prior approval of Employer (if required) for which charges shall be mutually agreed. However, in case of dispute, the Employer's decision in this regard shall be final and binding on the Contractor/Consultant. The reasonable time extension in the event of carrying out additional studies shall be worked out by Employer and shall be binding on the Contractor/Consultant.

10.2 *Deleted without change in Sr. No.*

10.3 If requested by the Contractor, the Time for Completion of the Works shall, in the event of any deviation resulting in additional cost over the Contract Price, be extended in the proportion which the altered, additional or substituted work bears to the original Contract Price plus such further additional time as may be considered reasonable by the Engineer-in-Charge.

10.4 Under no circumstances, the Contractor shall suspend the work on account of non-settlement of rates of such Deviated items.

10.5 *Deleted without change in Sr. No.*

## **11 FORECLOSURE OF CONTRACT IN FULL OR IN PART DUE TO ABANDONMENT OR REDUCTION IN SCOPE OF WORK**

11.1 If at any time after acceptance of the tender the Employer decides to abandon or reduce the scope of the Works for reason whatsoever and hence does not require the whole or any part of the Works to be carried out, the Engineer-in-Charge shall give notice in writing to that effect to the Contractor, and the Contractor shall have no claim to any payment of compensation or otherwise whatsoever, on account of any profit or advantage which he might have derived from the execution of the Works in full but which he could not derive in consequence of the fore-closure of the whole or part of the Works.

The Contractor shall be paid at Contract rates for full amount of the Works executed at Site and, in addition, a mutually agreed reasonable amount as certified by the Engineer-in-Charge for the items hereunder mentioned which could not be utilized on the Works to the full extent because of the foreclosure:

(a) Any expenditure incurred on preliminary works, e.g. temporary access roads, temporary labour huts, staff quarters and site office; storage accommodation workshop, installation and dismantling of Construction Equipment (batching plant, crushing plant) and water storage tanks.

(b) (i) The Employer shall have the option to take over Contractor's materials or any part thereof, either brought to site or of which the Contractor is legally bound to accept delivery from suppliers (for incorporation in or incidental to the Work), provided, however, the Employer shall be bound to take over the material or such portions thereof as the Contractor does not desire to retain. The cost shall, however, take into account purchase price, cost of transportation and deterioration or damage which may have been caused to materials whilst in the custody of the Contractor.

(ii) For Contractor's materials not retained by the Employer, reasonable cost of transporting such materials from Site to Contractor's permanent stores or to his

other Works, whichever is less. If materials are not transported to either of the said places, no cost of transportation shall be payable.

- (c) If any materials issued by the Employer are rendered surplus, the same except normal wastage for the materials used in the works shall be returned by the Contractor to the Employer.
- (d) Reasonable compensation for transfer of T&P from Site to Contractor's permanent stores or to his other works whichever is less. If T&P are not transported to either of the said places, no cost of outward transportation shall be payable.

11.2 The Contractor shall, if required by the Engineer-in-Charge, furnish to him books of account, wage books, time sheets and other relevant documents as may be necessary to enable him to certify the reasonable amount payable under this condition.

11.3 In the event of foreclosure of the Contract, the advances released to the Contractor shall be recovered/adjusted by en-cashing Bank Guarantees (if applicable) submitted by the contractor against the advances, in appropriate proportion as due to the Employer.

## 12. **COMPENSATION FOR DELAY**

12.1 In case of delay by the agency in report submission for any particular cycle, Liquidated Damages (LD) 0.15% per day of contract price shall be levied subject to maximum of 5% of contract price.

12.2 *Deleted without change in Sr. No.*

## 13 **DEFECTS LIABILITY PERIOD**

13.1 *Deleted without change in Sr. No.*

13.2 *Deleted without change in Sr. No.*

## 14 **Resolution of dispute**

- i. In case of any dispute or differences out of the contract in connection with the contract, the same shall be referred to the Sole Arbitrator, who shall be appointed by the CEO, SAPDC. The award of the arbitrator shall be final and binding on both the parties.
- ii. The courts of Chainpur jurisdiction shall be exclusive jurisdiction to entertain any try of matter arising out of this contract.

# **SECTION-V**

## **CONTRACT FORMS**

- 1. FORM OF BANK GUARANTEE FOR EARNEST MONEY DEPOSIT AND INSTRUCTIONS TO BE FOLLOWED FOR EXECUTION OF ALL KIND OF BANK GUARANTEES**
- 2. FORM OF BANK GUARANTEE FOR PERFORMANCE SECURITY DEPOSIT**
- 3. PERFORMA FOR AGREEMENT**

## **INSTRUCTIONS TO BE FOLLOWED FOR EXECUTION OF ALL KINDS OF BANK GUARANTEES**

1. Bank Guarantee should be executed on papers of requisite value in accordance with the Stamp Act as applicable in Nepal.
2. The executing officers of the Bank Guarantee shall clearly indicate in (Block Letters), his name, designation, Power of Attorney No:/Signing Power No. etc.
3. Each page of the Bank Guarantee shall be duly signed / initialed by the executing officers and the last page shall be signed in full, indicating the particulars as aforesaid (sub-para2) under the seal of the Bank.
4. The original Bank Guarantee should be sent by the Bank to SJVN Arun-3 Power Development Company Private limited directly under Regd. Post (A.D.). However, in exceptional cases, where the original BG is handed over to the bidder by the issuing bank/branch, the bidder shall ensure that an un-stamped duplicate copy of the BG has been sent immediately by the issuing bank/branch under Regd. Post (A.D.) directly to SJVN Arun-3 Power Development Company Private limited with a covering letter to compare with original BGs and confirm that it is in order.

**1. FORM OF BANK GUARANTEE FOR EARNEST MONEY DEPOSIT**

**(Refer clause 14.0 of ITB)**

WHEREAS \_\_\_\_\_(Name of Bidder) (hereinafter called “the Bidder”) has submitted his bid dated \_\_\_\_\_(date) for (PCD-283/2026) “**Hiring of an Agency for quarterly Ambient Air Quality Monitoring, Monthly Water Quality Monitoring and Monthly Noise Level Measurement for 02 year at and around sites of 900MW Arun-3 Hydro Power Project.**”

SEALED with the Common Seal of the said Bank this \_\_\_\_day of \_\_\_\_\_(Month and Year).

THE CONDITIONS of this obligation are:

1. If after Bid opening the Bidder withdraws his Bid during the period of bid validity specified in the Form of Bid or
2. If the Bidder having been notified of the acceptance of his Bid by the SJVN Arun-3 Power Development Company Private Limited, during the period of bid validity.
  - a. fails or refuses to execute the Form of Agreement in accordance with the Instructions to Bidders, if required; or
  - b. fails or refuses to furnish the Performance Security, in accordance with the Instructions to Bidders, or
  - c. does not accept the corrected/evaluated amount of bid price pursuant to **clause 24 of ITB** or
  - d. adopts corrupt or fraudulent practices

We undertake to pay to the SJVN Arun-3 Power Development Company Private Limited, NPR..... the above amount upon receipt of its first written demand without the SJVN Arun-3 Power Development Company Private Limited having to substantiate its demand, provided that in its demand the SJVN Arun-3 Power Development Company Private Limited will note that the amount claimed by it due to it owing to the occurrence of one or any of the two conditions, specifying the occurred condition or conditions.

This Guarantee will remain in force up to and including the date **225 days** after the deadline for submission of Bids as stated in the invitation to bid or as it may be extended by the SJVN Arun-3 Power Development Company Private Limited notice of which extensions(s) to the Bank is hereby waived. Any demand in respect of this Guarantee should reach the Bank not later than the above date.

DATE \_\_\_\_\_

SIGNATURE OF THE BANK\_\_\_\_\_

WITNESS\_\_\_\_\_

SEAL\_\_\_\_\_

(Signature, name and address)

## 2. FORM OF BANK GUARANTEE FOR PERFORMANCE SECURITY DEPOSIT

(Refer clause 29.0 of ITB)

Date:

To,

Name & Address of the Employer

We have been informed that .....(the "company"), having its registered office at ..... has entered into a Agreement on .....20.... with you for the work of (PCD-283/2026) **"Hiring of an Agency for quarterly Ambient Air Quality Monitoring, Monthly Water Quality Monitoring and Monthly Noise Level Measurement for 02 year at and around sites of 900MW Arun-3 Hydro Power Project."**

In accordance with the terms of the AGREEMENT, the Company is required to submit an unconditional and irrevocable, payable on-demand bank guarantee of NPR ..... (Nepalese Rupees .....only), (the "**Security Amount**") to SAPDC for the due and faithful performance of the Company's obligations under the AGREEMENT (the "**Performance Security**") and we ..... (name and address of the Bank, hereinafter called the "**Guarantor**") have at the request of the Company agreed to provide such Performance Security, being this Bank Guarantee (Performance Security) No. ....

On your first written demand, stating that (a) the Company is in default of its obligations under the AGREEMENT, or (b) the Company has not replaced this Performance Security with another performance security issued on the same terms at least fourteen (14) days prior to the Expiry Date (as hereinafter defined), we, the Guarantor as primary obligor hereby expressly, unconditionally and irrevocably undertake to pay to SAPDC, without demur, reservation, protest and any reference to the Company or the AGREEMENT the amount specified in such demand, provided that the total of all demands shall not exceed the sum of the Security Amount. You shall not be required to prove or show grounds for your demand or the sum specified therein. It is clarified further that your demand shall be conclusive evidence to us that such payment is due under the terms of the AGREEMENT. It shall not be necessary, and the Guarantor hereby waives any necessity, for SAPDC to proceed against the Company before presenting to the Guarantor its demand under the Performance Security.

The term of this Performance Security shall commence on the date of its issuance and shall expire on the date **60 days beyond the date of completion of work/service** (the "**Expiry Date**").

All claims, if any, in respect of this Performance Security must be received by the Guarantor on or before the Expiry Date.

This guarantee is subject to Uniform Rules for Demand Guarantees ICC Publication No. 758, except that the provisions of Article 26 are hereby excluded and shall be governed by and construed in accordance with the Laws of Nepal and will be subject to the jurisdiction of the courts of Nepal.

The Performance Security shall not be affected by any change in the constitution of the Guarantor or of the Company.

Notwithstanding anything contained hereinabove:

- (1) Our liability under this Guarantee shall not exceed the Security Amount.

- (2) Any demand may be brought by SAPDC under this Guarantee up to close of business on the Expiry Date.
- (3) We shall be liable to pay any amount under this Guarantee or part thereof only if we receive a claim or demand in writing within banking hours at our branch on or before the Expiry Date and if no such demand has been received by us by that time and date, all rights to bring any demand under this guarantee will cease.

Notwithstanding sub-section (2) and (3) above, all claims made by SAPDC on or before the Expiry Date shall, subject to sub-section (1) above, be honoured by the Guarantor where payment in respect of such demands have not been made by the Expiry Date.

This guarantee (or any of its proceeds) is not assignable and is not transferable in whole or in part.

Upon payment by the Guarantor in respect of all claims or demands made by SAPDC under this Bank Guarantee on or before the Expiry Date, this guarantee automatically becomes null and void whether or not the original has been returned to us.

Signed for and on behalf of: .....

Name: .....

Designation:.....

Seal of the Bank:.....

Signed for and on behalf of: .....

**[Note: delete the following signature block if not applicable]**

*[Signed for and on behalf of confirming bank in Nepal:.....*

*Name:.....*

*Designation:.....*

*Seal of the Bank:.....*

*Signed for and on behalf of..... ]*

### 3. PROFORMA FOR AGREEMENT

This agreement made this \_\_\_\_\_ day of \_\_\_\_\_ between \_\_\_\_\_ (name and address of Employer) (hereinafter called “SJVN Arun-3 Power Development Company Private Limited/SAPDC/Employer”) and \_\_\_\_\_ (name and address of Contractor) (hereinafter called “the Contractor” of the other party).

Whereas the SJVN Arun-3 power Development Company Private Limited is desirous that the Contractor executes (PCD-283/2026) “**Hiring of an Agency for quarterly Ambient Air Quality Monitoring, Monthly Water Quality Monitoring and Monthly Noise Level Measurement for 02 year at and around sites of 900MW Arun-3 Hydro Power Project.**” (hereinafter called ‘the Works’) and the SJVN Arun- 3 Power Development Company Private Limited has accepted the Bid by the Contractor for the execution and completion of such Works and the remedying of any defects herein at a contract price of NPR \_\_\_\_\_

NOW THIS AGREEMENT WITNESSETH as follow:

1. In this Agreement, words and expression shall assume the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to.
2. In consideration of the payments to be made by the SJVN Arun-3 Power Development Company Private Limited to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the SJVN Arun-3 Power Development Company Private Limited to execute and complete the Work and remedy the defects therein in conformity, in all aspects, with the provisions of the Contract.
3. The SJVN Arun-3 Power Development Company Private Limited hereby covenants to pay the Contractor in consideration of the execution and completion of the Works and remedy the defects wherein the contract price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.
4. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz:
  - a) This Contract Agreement
  - b) Letter of acceptance issued by Employer;
  - c) Special Conditions of Contract;
  - d) General Conditions of Contract;
  - e) Detailed Scope of Work;
  - f) Priced Bill of Quantities;
  - g) Contractor’s Bid other than BOQ;
  - h) Instructions to Bidders
  - i) Any other document forming part of the Contract

The aforesaid documents shall be taken as complementary and mutually explanatory of one another but in case of ambiguities or discrepancies shall take precedence in the order set out above.

In witness whereof the parties have caused this Agreement to be executed the day and year first before

written.

Signed and Delivered

For and on behalf of the Contractor

For and on behalf of SJVN Arun-3 power  
Development Company Private Limited

i) Name: \_\_\_\_\_

Name: \_\_\_\_\_

(Authorized Signatory)

ii) Name : \_\_\_\_\_

Designation:

\_\_\_\_\_

In the presence of:

In the presence of :

Name \_\_\_\_\_

Name \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Add. \_\_\_\_\_

Add. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Note:** *This Performa is included in the Bidding Documents only for the information of the Bidders. Only the successful bidder, shall, in due course, be required to fill this Performa.*

## **SECTION –VI**

### **SPECIAL CONDITIONS OF THE CONTRACT (SCC) AND BRIEF DESCRIPTION OF PROJECTS**

## A. SPECIAL CONDITIONS OF CONTRACT (SCC)

- 1 The agency shall have accreditation from the Nepal Bureau of Standards and Metrology (NBSM) or possess ISO/IEC 17025 certification.
- 2 The agency shall carry out the monitoring sampling and analysis works as per the Standard Procedures and Norms During the course of work, the agency shall provide the information to the EIC regarding the methodologies/ techniques being adopted for monitoring, sampling and analysis works of the samples. The monitoring methodology shall be as per Table (ii). However, any advanced methodology available with the agency may be considered, in consultation with the EIC, prior to commencement of the work.
- 3 The sampling and monitoring locations and number of samples shall be as per table (i) & (ii). However, in case of any change which shall be finalized in consultation with EIC.
- 4 The agency shall provide the monitoring schedule to the EIC at least five (05) days prior to the commencement of monitoring activities on each cycle, to ensure EIC's participation in the monitoring and sampling works.
- 5 The schedule of sampling shall be as per Table (i). However, any change suggested by MoFE/GoN during the contract period shall be implemented, for which payment shall be made at the quoted rates, on a mutually agreed basis. The agency shall complete the monitoring and sampling work as per schedule and submit the report to EIC within 01 months after completion of monitoring activity for each cycle.
- 6 The personnel working under contract shall be adequately trained about safety in operations during monitoring and sampling The agency shall abide by Rules, Regulations, Guidelines and Norms of Nepal regarding Environmental Monitoring and Safety Regulation Arun-3 HPP, SJVN Arun-3 Power Development Company (SAPDC) shall not bear any responsibility for the personnel engaged under this contract.
- 7 All consumable like samplers, filters, chemicals, reagents, etc along with instruments/ equipment's and its power supply wherever required shall be arranged by the agency. The transportation of materials and manpower along with boarding and lodging arrangements shall be the responsibility of the agency. Nothing shall be borne by Arun-3 HPP, SAPDC on account of transportation, manpower charges, boarding and lodging, equipment's apparatus, samplers, consumables, power supply, sample collection, analysis and report preparation under this work.
- 8 All information and data generated or collected during the execution of the work shall be treated as confidential and shall be the sole property of Arun-3 HPP. SAPDC and the findings of the study shall not be shared or published without prior permission of Arun-3 HPP, SAPDC.
- 9 The contract period is for 02 years. The contract period may be further extended. if required, for 01 year on same rate terms and conditions of contract.
- 10 The agency shall ensure payment of minimum wages to its personnel as per the prevailing laws of Nepal. The agency shall also ensure compliance with all applicable labour laws and statutory requirements of the Government of Nepal. Any liabilities arising out of non-compliance shall be the sole responsibility of the agency, and nothing on this account shall be borne by SAPDC.
- 11 Insurance of all manpower and equipment deployed for the work shall be the sole responsibility of the agency, and SAPDC shall bear no liability in this regard The agency shall also be responsible for any damage resulting from his operations.
- 12 The experts/workmen engaged by the agency shall have no claim whatsoever, either direct or indirect, for employment in SAPDC During the currency of the contract as well as after its expiry or termination, no personnel of the agency who has worked under this contract shall be entitled to seek or be offered direct or indirect employment with SAPDC.
- 13 VAT shall be paid as per applicable norms on actual basis, subject to submission of documentary evidence and deduction of TDS shall be made in accordance with the applicable

rules.

- 14 Prices must be firm during the entire period of the contract and no escalation shall be allowed.
- 15 The contractor shall submit the running bills for the actual quantities quarterly basis to EIC for verification and payment Payment shall be made on running bills basis after deduction of statutory charges and penalties (if any).
- 16 HOD (Environment), Arun-3 Hydropower Project, SAPDC, Tumlingtar shall be the Engineer-In-Charge (EIC) for this work.
- 17 In case of delay by the agency in report submission for any particular cycle, Liquidated Damages (LD) 0.15% per day of contract price shall be levied subject to maximum of 5% of contract price.

## **B. BRIEF DESCRIPTION OF PROJECT**

Arun-3 HEP (900 MW): The Arun-3 hydroelectric project (900MW) is being developed by SAPDC, a wholly owned subsidiary of SJVN Ltd. on the Arun River in Sankhuwasabha District of Province 1, Nepal. The project is in advance stage of construction envisaging the construction of a 80 m high concrete gravity Dam, 1 1.837 km-long, 9.5m dia. horse-shoe shape headrace tunnel, 155 m deep 24m dia. restricted orifice open to sky surge shaft, 415m & 385m long two steel-lined pressure shafts bifurcating into four branch pressure shafts, an underground Valve Chamber of size 83.7m (L) X 12m (W) X 21m (H) for housing 2 nos, 5.5 m diameter butterfly valves, an underground powerhouse of size 179.50 m (L) X22.5 m (W )X49.5m ( H), along with a transformer hall cavern of size 146.14 m (L)X 16 m (W)x 23 m ( H ). The powerhouse of the project will be equipped with four vertical Francis turbine units. The rated capacity of each turbine generator is 225MW. The project has a gross head of 308m and a design head of 286.21m. The design discharge of project is 344.68m<sup>3</sup>/sec. The water from the powerhouse after generation will be diverted to a tail pond through a 399.208 m long, 10m dia tail race tunnel. Tail pond shall be provided with intake structure for diverting the water to Lower Arun Hydro Electric Project.

**SECTION-VII**  
**BILL OF QUANTITIES**

### SCHEDULE –A (Priced Bill of Quantity)

**Subject:-PCD-283/2026 “Hiring of an Agency for quarterly Ambient Air Quality Monitoring, Monthly Water Quality Monitoring and Monthly Noise Level Measurement for 02 year at and around sites of 900MW Arun-3 Hydro Power Project.”**

S.N.	Description of Items	Unit	Qty ( No. of Samples in 02 year)	Rate (Excluding VAT), NPR		Amount (Excluding VAT), NPR
				In Figures	In Words	
1	Ambient Air Quality Monitoring (Sampling and analysis of Ambient Air Quality on seasonal basis for Total Suspended Particulates (TSP), PM10, Sulphur Dioxide (SO2), Nitrogen Oxides (NOx) and Carbon Monoxide (CO) at 02 different locations (Power House site and Dam site) of Arun-3 Hydro Power Project.).	Nos	12			
2	Monthly Noise Level Measurement (Noise Level Measurement at 02 different locations (Power House site and Dam site) of Arun-3 Hydro Power Project).	Nos	48			
3	Monthly Water Quality Monitoring: Sampling and analysis of Water Samples on monthly basis for parameters like PH, Dissolve Oxygen, Total Dissolved Solids (TDS), Calcium, Magnesium, Chloride, Phenolic Compounds, Ammonical Nitrogen, Sulphides, Biochemical Oxygen Demand for 5 days at 20oC (BOD5), Chemical Oxygen Demand (COD), Oil & Grease, Nitrogen Total, Phosphorus, Fluorides, Sodium, Arsenic, Cadmium,	Nos	120			

	Chromium, Lead, Mercury, Cyanide, Nickel, Copper, Zinc, Iron, Manganese and E. coli at 05 different locations [(river Arun U/s Dam site, river Arun d/s Dam site, river Arun at Tail Race Tunnel, Sankhuwakhola (a tributary of river Arun) and Num Village (Tap Water)].					
<b>Total Amount (in NPR) (Excluding VAT)</b>						
<b>Overall Discount offered, if any (%)</b>						
<b>Net Amount after Discount (in NPR) (Excluding VAT)</b>						

\*Where there is a discrepancy between rate quoted in figures and in words, the rate quoted in words shall be governing and shall be considered as binding upon the bidder. If the bidder does not accept the corrected amount of bid, his bid will be rejected and bid security shall be forfeited.

**Date:**

**For and on behalf of the Bidder**

.....

**Place:**

**Signature of authorized representative of the Bidder,  
along with his name, Seal of Company**