

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

(A Subsidiary of SJVN Ltd. Registered in Nepal)



ARUN-3 HYDRO ELECTRIC PROJECT (900 MW), NEPAL

EXPRESSION OF INTEREST

for

Engagement of expert agency to Inspect, test and certify the quality for HM works of Arun-3 HEP Distt. Sankhuwasabha, Nepal.

Tumlingtar

June, 2020

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एसजेवीएन अरुण-3 पाँवर 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



PRESS NOTICE FOR EXPRESSION OF INTEREST

SJVN Arun-3 Power Development Company (P) Ltd. (SAPDC), Tumlingtar, Nepal (A Subsidiary of SJVN, a joint venture of GoI & Govt. of H.P.) having Registered office at Kathmandu, Nepal invites Expression of Interest (EOI) from reputed Nepalese/Indian consultancy firms/agencies as sole firm/agency for assignment of 'Engagement of expert agency to inspect, test and certify the quality for HM works of Arun-3 HEP Distt. Sankhuwasabha, Nepal'.

Last date for submission of EOI is 26th June, 2020 upto 1500 hrs. Sealed envelope are to be submitted by Post/courier or physically in the SAPDC office at Tumlingtar, Distt. Sankhuwasabha, Nepal or SAPDC office, House No. 3, Swagat Marg, Ward NO. 16, Lonkanthli, Madhyapur, Kathmandu or alternatively the signed copy of proposal may be e-mailed on ID pnc.sapdc@gmail.com. However, if firm(s)/agency(ies) opts for submission of EMD directly in the bank account of SAPDC as per Clause No. 3 of Instruction to Firms/Agencies then the proof of same shall be submitted by the Firm/agency alongwith the Proposal. Further, if firm(s)/agency(ies) opts for submission of EMD in form of BG, the original BG shall be submitted by the firm(s)/agency(ies) at the address provided in para 1.6 of Notice Inviting Expression of Interest.

The EOI Document can be downloaded from websites <http://sjvn.nic.in/tender.htm>, www.eprocure.gov.in & <http://www.sapdc.com.np>. Amendment(s), if any, shall be issued only on above websites.

Through this EOI, SAPDC intends to identify interested and capable parties in India/Nepal for Inspection, testing and certifying the quality for HM works of Arun-3 HEP Distt. Sankhuwasabha, Nepal. Firms/Agencies meeting the qualification criteria may be invited for presentation /submission of final proposal.

Sd/-

Chief Engineer (P&C)
Arun-3 HEP, SAPDC
Satluj Bhawan, Arun Sadan, Tumlingtar
Distt. Sankhuwasabha, Nepal
Ph. +977-29-575154,
Mob.:- +977-9852058517,
e-mail Address: pnc.sapdc@gmail.com

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

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900 मेगावाट अरुण-3 जलविद्युत परियोजना

900 MW Arun-3 Hydro Power Project

Regd. No.: 111808/69/070



Ref. No.: SAPDC/P&C/EOI-1/2020-499

Dated: 11.06.2020

NOTICE INVITING EXPRESSION OF INTEREST

1. SJVN Arun-3 Power Development Company (P) Ltd. (SAPDC), Tumlingtar, Nepal (A Subsidiary of SJVN, a joint venture of GoI & Govt. of H.P.) having Registered office at Kathmandu, Nepal invites Expression of Interest (EOI) from reputed Nepalese/Indian consultancy firms/agencies as sole firm/agency for the following:

1.	Name of Work:	Engagement of expert agency to Inspect, test and certify the quality for HM works of Arun-3 HEP Distt. Sankhuwasabha, Nepal.
1.1	Tender No.	EOI-1/2020
1.2	Time Allowed for Completion of whole of the works	Time period for consultancy work shall be three years. Contract may be extended upto the completion of the HM works in all respect.
1.3	Estimated Cost	NPR 5.25 crore exclusive of VAT/GST.
1.4	Last date & time for submission of Proposal (s).	26.06.2020 upto 1500 Hours.
1.5	Time and Date for opening of Proposal(s).	29.06.2020 at 1600 Hours.
1.6	Place of submission proposals	Chief Engineer (P&C) Arun-3 HEP, SAPDC, Satluj Bhawan, Arun Sadan, Tumlingtar, Distt. Sankhuwasabha, Nepal Ph. +977-29-575154, Mob.:- +977-9852058517, OR O/o Company Secretary Arun-3 HEP, SAPDC House No. 3, Ward No. 16, Swagat Marg, Madhyapur (Thimi) Municipality, Lokanthali, Kathmandu. or alternatively the signed copy of bid may be e-mailed on ID pnc.sapdc@gmail.com prior to the last date of submission specified under Sr. No. 1.4 of Notice Inviting Expression of Interest. However, if firm(s)/agency(ies) opts for submission of EMD directly in the bank account of SAPDC as per Clause No. 3 of Instruction to Firms/Agencies then the proof of same shall be submitted by the Firm/agency alongwith the Proposal. Further, if firm(s)/agency(ies) opts for submission of EMD in form of BG, the original BG shall be submitted by the firm(s)/agency(ies) at the address provided in para 1.6 of

		Notice Inviting Expression of Interest.
1.7	Place of opening proposals	Chief Engineer (P&C) Arun-3 HEP, SAPDC, Satluj Bhawan, Arun Sadan, Tumlingtar, Distt. Sankhuwasabha, Nepal Ph. +977-29-575154, Mob.:- +977-9852058517,
1.8	Authority/Officer inviting Tender	Chief Engineer (P&C) Arun-3 HEP, SAPDC, Satluj Bhawan, Arun Sadan, Tumlingtar, Distt. Sankhuwasabha, Nepal Ph. +977-29-575154, Mob.:- +977-9852058517, e-mail Address: pnc.sapdc@gmail.com

2. The EOI document containing the details of submission requirement, brief scope of work etc. can be downloaded from websites <http://sjvn.nic.in/tender.htm>, www.eprocure.gov.in & <http://www.sapdc.com.np>. The interest firms/agencies may submit their proposals either by post/courier or physically or through email as detailed above prior to the last date for submission of proposals or alternatively the signed copy of proposal may be e-mailed on ID pnc.sapdc@gmail.com. However, if firm(s)/agency(ies) opts for submission of EMD directly in the bank account of SAPDC as per Clause No. 3 of Instruction to Firms/Agencies then the proof of same shall be submitted by the Firm/agency alongwith the Proposal. Further, if firm(s)/agency(ies) opts for submission of EMD in form of BG, the original BG shall be submitted by the firm(s)/agency(ies) at the address provided in para 1.6 of Notice Inviting Expression of Interest.
3. Through this EOI, SAPDC intends to identify interested and capable parties in India/Nepal for Inspection, testing and certifying the quality for HM works of Arun-3 HEP Distt. Sankhuwasabha, Nepal. Firms/Agencies meeting the qualification criteria may be invited for presentation /submission of final proposal.
4. At any time before the submission of proposal, SJVN Arun-3 Power Development Company Private Limited may modify/amend the EOI document and extend the last date of submission/opening of the Proposal and any other key dates by issuing a corrigendum/addendum and such corrigendum/addendum to this notice as well as to the EOI document shall be available on the aforesaid websites only.
As such the Firms/agencies are advised to visit the above websites regularly before deadline for submission of Proposal.
5. The prospective Firms/Agencies are advised to visit the Arun-3 HEP project before submission of their proposals. The Firm/agency shall bear all costs associated with the site visit.
6. Arun-3 Hydro Electric Project is located in Sankhuwasabha district, Nepal. Corporate office of SAPDC is at Tumlintar. Dam site and Power house sites are located in Phaksinda (near Num) and Diding respectively which are 70 km from Tumlingtar. Nearest Railway station is Jogbani, Bihar approx. 300 km from sites and nearest airport is Tumlintar, Nepal.
7. SAPDC reserves the right to cancel the EOI process at any time without assigning any reason.
8. For any enquiry/clarification etc. firms/agencies may contact at the following address:

For & on the behalf of SAPDC

Sd/-

Chief Engineer (P&C)
Arun-3 HEP, SAPDC
Satluj Bhawan, Arun Sadan,
Tumlingtar, Distt. Sankhuwasabha, Nepal

Ph. +977-29-575154, +977-9852058517
E-mail Address: pnc.sapdc@gmail.com

SECTION-II

DETAILED SCOPE OF WORK

Brief Objective & Detailed Scope of Work

1. Brief Objective

a. Introduction:

SJVN Arun-3 Power Development Company (P) Ltd. (SAPDC), Tumlingtar, Nepal (A Subsidiary of SJVN, a joint venture of GoI & Govt. of H.P.) having Registered office at Kathmandu, Nepal. SAPDC was incorporated & registered on 25.04.13 as a single shareholder Pvt. Ltd. Company under the Nepalese Companies Act 2063 with SJVN Ltd. is its sole shareholder.

The principal objective of SAPDC is to Plan, Promote, Organize and Execute 900 MW Arun-3 Hydro-electric Project. Project is located on river Arun in the Sankhuwasabha Distt. of Nepal, 657 Km from Kathmandu via Biratnagar. The Project Development Agreement (PDA) was signed on 25.11.14 between Investment Board of Nepal (IBN), GoN and SAPDC. SAPDC has awarded the Hydro Mechanical (HM) Works of 900 MW Arun-3 to M/s Om Metals Infraprojects Limited.

2. Scope of work:

SAPDC is now seeking to engage an eligible and qualified Firm/Agency to maintain Quality Assurance of HM works (fabrication and erection etc.) for Gates (radial, stoplogs, trash rack, vertical Slide Gate etc.) and Pressure Shaft Steel Liner of Arun 3 HEP. However, the entire quality test (at workshop and site) will be performed by main contractor as per the technical specifications of the works. To keep the check (i.e. inspect, witness, verify and certify quality of the product) on the Main Contractor's quality control a third party is being hired to deploy manpower at different location of work site.

Following documents/Data will be provided to the Firm/Agency for supervision of works while execution (Fabrication and erection etc.);

- Technical specification for HM works of Arun-3 HEP.
- Approved Drawings for different components
- Codes/references i.e. WPS, PQR, MQAP etc. for HM works.
- Any modification/change of data during construction shall also be provided which will be essential for execution of HM works.

3. Responsibility of the Expert agency during execution of works:

Sl. No.	Expert agency is being hired for quality control of	Assignment of expert agency (witness, verify and certify the quality of works)	Technical Specification Reference/Guidelines for inspection, witness, verify and certify
1	Gates, Hoists, Crane and Valves	<p>Prior to shop assembly, the sub-assemblies parts shall be tested in shop to ensure that parts are correctly fabricated and properly aligned.</p> <p>The dimensions, especially clearances and fit, (ISO 286), which are essential for operation and efficiency shall be carefully checked in an approved manner.</p> <p>Fixed Wheel, Sliding Gates & Stop logs: Each Gate shall be checked to ensure that all parts fit properly and that dimensions, clearances and tolerances required in the specifications and drawings have been achieved.</p> <p>Radial Gates: All gates, frames, and appurtenances shall be checked to ensure accurate fit and proper alignment of all parts and that the over-all dimensions and clearance are as covered by these specifications.</p> <p>Embedded Parts: The welds shall be inspected for soundness by dye- penetrant test and shall be locally stress relieved. Radiographic testing for butt joints.</p> <p>For Rope Drum Hoists: Conduct tests in workshops to ensure that all parts fit and function properly and the dimensions and tolerances are as per the approved drawings for the parts and assemblies for its proper performance. The Hoist shall be run under no load in shop to ensure that all parts fit accurately at site when erected. The Hoist under such tests shall run smoothly, without vibration, noise, chatter or undue friction.</p>	<ul style="list-style-type: none"> • The guidelines/recommendations for inspection, testing and maintenance of Gates, Rope Drum Hoists/cranes/ hydraulic hoist as contained in the relevant Indian Standards viz. IS-7718, IS-10096, IS-3177 and IS- 13053 (Latest Revision) etc. but not limited to, shall be applicable at different stages of the work viz. at the manufacturing stage, at the time of erection as well as after the erection. • Review the quality inline with approved design& requirement.

		<p>Hydraulic Hoist: Conduct tests in workshops to ensure that all parts fit and function properly and the dimensions and tolerances are as per the approved drawings for the parts and assemblies for its proper performance. The hoist shall be tested for a pressure 150% of the design pressure, by applying the oil pressure to move the piston.</p>	
		<p>Each hoist cylinder before it is machined finally and appurtenant piping, all valves and other parts subjected to oil pressure shall be subjected to a hydrostatic pressure test, for a pressure equal to at least 1.5 times the design pressure. The pressure shall be applied gradually and maintained for sufficiently long time to permit inspection of all parts and joints.</p>	
		<p>Gantry Cranes: Shall be checked by dial gauge.</p> <ul style="list-style-type: none"> • Overall inspection of crane, dimensions, spans. • All motions of the crane. • The deflection test shall be carried out with the safe working load at rest. The measurement shall not be taken on the first application of the load. 	
		<p>The Rope Drum Hoists/Hydraulic hoist/Gantry crane/EOT crane are put into service, these shall, with overload relays appropriately set, be tested to lift and sustain a minimum tests load of 125 percent of the working load. In case of cranes, during overload test each motion in turn shall be maneuvered in both directions and the crane shall sustain the load under full control.</p>	
		<p>Lifting Beam: The lifting beam assembly shall be load tested for 1.25 times of working load. The load should be lifted and held for minimum of ten minutes. After the load test, all load bearing welds should be 100% examined by using Magnetic Particle Inspection.</p>	

		<p>Hydrostatic Testing: Cylinder assembly, hydraulic pipes etc. shall be in general subjected to the test pressure equal to 150% of the design pressure or a test pressure producing stress not exceeding 90% of yield stress in shell.</p>	
		Radiographic and Ultrasonic Inspection	
		<p>Site inspection: The test, checks, examinations at site shall comprise but not be limited to: -</p> <ul style="list-style-type: none"> i) Checks and examinations of site welds. ii) Hydrostatic Pressure Test (if any). iii) Dielectric Tests. iv) Functional Checks (on all operating mechanism, on protective devices, automatic and manual controls, monitoring, supervisory equipment etc.) v) Running Tests (gates with hoists). vi) Performance tests & determination of characteristic data. 	
<p>Note: Fabrication of Gates, Hoists, Crane and Valves will be done by Main contractor at Kota, Rajasthan. Verification shall be done by agency at site store of Main contractor in Nepal. Inspection before dispatch if required shall be done as per direction of E.I.C. at Fabrication workshop in India.</p>			
2	Pressure Shaft Steel Liner	<p>In order to be sure of the steel grade or quality testing /inspecting of steel shall be done at manufacture's place,</p> <p>check the accuracy of measuring instrument such as:</p> <ol style="list-style-type: none"> 1. Discharge Measurement 2. Recorder for measuring Water Level in Surge Shaft 3. Pressure Taps etc. <p>Conduction of the non-destructive tests shall be carried out as specified in SNT-TC-IA "Recommended practice for non-destructive testing, personnel qualifications and certification" of the American Society for Non-destructive Tests or other similar International Standards, as required, inline with technical specification</p> <p>Conduction of Magnetic Particle Inspection test: All fillet welds joining diaphragm plates, rings, lugs, etc. shall have smooth transitions into the sides of plates with toes of the welds made before</p>	Review the quality inline with approved design & requirement.

		depositing the major bead. The surfaces shall be ground to merge smoothly into the plate surfaces. The fillet joints are subjected to magnetic particle testing.	
		Conduction of Hydrostatic Testing at workshop inline with technical specification.	
		In addition to above, following tests and reports have to be prepared and submitted at a) Fabrication shop: <ul style="list-style-type: none"> • Check sheet for gas cutting • Check sheet for bending • Inspection report on shop fabrication • Check sheet for fit-up. • Check sheet for material check • Check sheet for dimensions • Check sheet for hydrostatic testing • Radiographic testing records At Site shop inside the tunnel b) At Site shop inside the tunnel <ul style="list-style-type: none"> • Check sheet for each pipe assembly • Check sheet for level and alignment • Quality control sheet for welding consumables • Ultrasonic/radiographic testing records • Quality control sheet for repair welding • Inspection report on painting • Inspection report on final dimensions. 	

4. Other informations:

A. Gates & Hoists

1. Stoplogs for Sluice Radial gate : 9000 mm x 19750 mm (w x h) – 5 Sets
2. Sluice Radial Gates : 9000 mm x 14850 mm (w x h) - 5 sets
3. Stoplogs for Spillway Gates : 5000 mm x 5300 mm (w x h) - 1 set
4. Spillway Flap gate : 5000 mm x 5300 mm (w x h) - 1 set
5. Bulkhead for intake gate : 7000 mm x 6000 mm (w x h) - 2 sets
6. Main intake gate : 7000 mm x 6000 mm (w x h) - 2 sets
7. Trash racks : 5025 mm x 3883 m – (8 ways x 8 penal)
8. Adit Gate For HRT : 2500 mm x 2500 mm (w x h) - 1 set
9. Surge Shaft gates : 5500 mm x 5500 mm (w x h) - 2 sets
10. Draft tube gates : 5000 mm x 5500 mm (w x h) - 2 sets
11. Tailrace Tunnel Outfall gates : 7500 mm x 4330 mm (w x h) - 2 sets

B. Penstock

- | | | |
|----------------------|---|---|
| 1. Pressure Shaft -1 | : | Length 560.737m (@ 260m Vertical shaft) |
| 2. Pressure Shaft -2 | : | Length 530.884 m (@260m Vertical shaft) |
| 3. Ferrule size | : | 5500 mm and 4000 mm |
| 4. Ferrule thickness | : | varies from 18 mm to 38 mm |

C. Location of Fabrication Workshop

1. Fabrication workshop of penstock: Itahri, Sunsari Distt., Nepal about 230 Km from dam & power house site (situated in Distt. Shankhubasbha, Nepal.)
2. Erection works :
 - a) Dam Site, Phaksinda/Dovan
 - b) Power House site, Phukhwa Nepal (both site about 70 Km from Tumlingtar)

5. Submittals by expert agency:

Expert agency (Hired staff) shall submit the following documents as part of its works for this assignment Daily, Monthly and Quarterly Progress Reports of all the HM works inspected/ witnessed, which will address the following:

- i. Summary of all the inspections carried out and details of every activity, component-wise.
- ii. NDT Reports,
- iii. Failure reports, if any
- iv. Issue of NCs and closure of NCs.
- v. Quality Certificate for the activities
- vi. Final Report as per the format provided to them by SAPDC.

SECTION-III

INSTRUCTIONS TO FIRMS/AGENCIES

A. General

1. Scope of Proposal

- 1.1 The SJVN Arun-3 Power Development Company Private Ltd. hereinafter referred to as SAPDC invites Expression of Interest for seeking Engagement of expert agency to Inspect, test and certify the quality for HM works of Arun-3 HEP Distt. Sankhuwasabha, Nepal.
- 1.2 Proposals will be open for all reputed eligible Indian/Nepalese firms/agencies only.

2. Eligibility

- 2.1 Firm/agency should not be under a declaration of ineligibility for corrupt and fraudulent practices or blacklisted due to any reason by the Central Government, the State Government or any public undertaking, autonomous body, authority by whatever name called under the Central or the State Governments (India/Nepal) on date of submission of Proposal.
- 2.2 Only Firm/agency scoring 60% marks or more in the Technical Evaluation criteria shall be considered for further process (Stage-II):

Sr. No.	Criteria	Max. Marks	Doc. Required
A. Technical Qualifying Criteria shall be as below:			
Consultancy firm should have carried out Project Management Consultancy work/ Construction Supervision of the following Works in any one Project (completed) in last 15 years reckoned from last day of the month in which Proposals are invited:			
1.	Pressure Shaft Steel Liner; i. Inclined/ Vertical shaft of length ≥ 260 m and ≥ 4.0 m diameter = 10 Marks ii. Inclined/ Vertical shaft of length ≥ 210 m < 260 m and ≥ 4.0 m diameter = 8 Marks iii. Inclined/Vertical shaft of length ≥ 160 m < 210 m and ≥ 4.0 m diameter = 6 Marks iv. Inclined/ Vertical shaft of length < 160 m ≥ 130 and 4.0 m diameter = 2 Marks.	10	LOA & Completion certificate issued by Employer.
2.	Radial Gate & Hoists; i. One gate of ≥ 135 sq. m OR Two gates each of ≥ 110 sq. m = 10 Marks ii. One gate of ≥ 110 sq. m < 135 sq. m OR Two gates each of ≥ 90 sq. m < 110 sq. m = 8 Marks iii. One gate of ≥ 81 sq. m < 110 sq. m OR Two gates each of ≥ 65 sq. m < 90 sq. m = 6 Marks iv. One gate of < 81 sq. m ≥ 70 sq. m OR Two gates each of < 65 sq. m ≥ 55 sq. m = 2 Marks	10	LOA & Completion certificate issued by Employer.
3.	Stoplog / Vertical Gate i. One gate of ≥ 180 sq. m OR Two gates of ≥ 145 sq. m = 10 Marks ii. One gate of ≥ 140 sq. m < 180 sq. m OR Two gates each of ≥ 115 sq. m < 145 sq. m = 8 Marks	10	LOA & Completion certificate issued by Employer.

	<p>iii. One gate of ≥ 110 sq. m < 140 sq. m OR Two gates each of ≥ 90 sq. m < 115 sq. m = 6 Marks</p> <p>iv. One gate of <110 sq. m ≥ 90 sq. m OR Two gates each of <90 sq. m ≥ 75 sq. m = 2 Marks</p>		
4	Methodology and Work Plan	15	Firm/agency shall submit the Methodology and Work Plan not exceeding 20 pages on A4 Size paper
5.	<p>Supervised tests</p> <p>i. The firm/agency should have carried out the supervision of tests like Radiographic and Ultrasonic Inspection and Hydrostatic Pressure Test at various stages of fabrication and erection of the above gates and penstock as part of his experience as Project Management Consultancy works/ Construction Supervision in the same project of minimum capacity 300 MW = 30 Marks</p> <p>ii. The firm/agency should have carried out the supervision of tests like Radiographic and Ultrasonic Inspection and Hydrostatic Pressure Test at various stages of fabrication and erection of the above gates and penstock as part of his experience as Project Management Consultancy works/ Construction Supervision in the same project of minimum capacity 240 MW = 24 Marks</p> <p>iii. The firm/agency should have carried out the supervision of tests like Radiographic and Ultrasonic Inspection and Hydrostatic Pressure Test at various stages of fabrication and erection of the above gates and penstock as part of his experience as Project Management Consultancy works/ Construction Supervision in the same project of minimum capacity 180 MW = 18 Marks</p> <p>iv. The firm/agency should have carried out the supervision of tests like Radiographic and Ultrasonic Inspection and Hydrostatic Pressure Test at various stages of fabrication and erection of the above gates and penstock as part of his experience as Project Management Consultancy works/ Construction Supervision in the same project of minimum capacity < 180 MW ≥ 150 MW = 6 Marks</p>	30	LOA & Completion certificate issued by Employer.
B. Financial Qualifying Criteria shall be as below:			
1.	<p>Turnover (<i>Gross amount of revenue recognized in the profit and loss account from or on account of consultancy services rendered by the organization during a financial year</i>)</p> <p>i. Average annual turnover \geq INR 3.3 crore for the last three FY from consultancy services = 5 Marks</p> <p>ii. Average annual turnover \geq INR 2.6 crore < INR 3.3 crore for the</p>	5	Annual report/ Balance sheets & profit and Loss Statement

	<p>last three FY from consultancy services = 4 Marks</p> <p>iii. Average annual turnover \geq INR 2 crore < INR 2.6 crore for the last three FY from consultancy services = 3 Marks</p> <p>iv. Average annual turnover < INR 2 crore for the last three years from consultancy services = 2 Marks</p>		
2.	<p>Net Worth (Aggregate value of paid-up share capital and all reserves created out of the profits, securities premium account and debit or credit balance of profit and loss account, after deducting the aggregate value of the accumulated losses, deferred expenditure and miscellaneous expenditure not written off, as per the audited balance sheet, but does not include reserves created out of revaluation of assets, write-back of depreciation and amalgamation):</p> <p>i. Net Worth positive in the last three Financial years = 5 Marks.</p> <p>ii. Net Worth positive in any two years out of last three Financial years = 4 Marks.</p> <p>iii. Net Worth positive in any one year out of last three Financial years = 2 Marks.</p>	5	Annual report/ Balance sheets & profit and Loss Statement
3.	<p>Profit (Profit as per statement of profit and loss before tax without considering other comprehensive income/loss):</p> <p>i. Profit positive in the last three Financial years = 5 Marks.</p> <p>ii. Profit positive in any two years out of last three Financial years = 4 Marks.</p> <p>iii. Profit positive in any one year out of last three Financial years = 2 Marks</p>	5	Annual report/ Balance sheets & profit and Loss Statement
C. Other Conditions			
1.	<p>i. Company established for \geq 10 years = 5 Marks</p> <p>ii. Company established for \geq 8 < 10 years = 4 Marks</p> <p>iii. Company established for < 8 years = 2 Marks</p>	5	Company Registration
2.	Company should have been accredited with ISO 9000.	5	ISO Certification

2.3 Firm/agency should not have any conflict of interest with Main Contractor (M/s Om Metals) executing the HMI works of Arun-3 HEP, Nepal.

2.4 Firms/agencies intending to participate as Joint Venture/Consortium are not eligible for participation.

3. Cost of EOI Preparation & EMD

3.1 The Firm/agency shall bear all costs associated with the preparation and submission of his proposal and SAPDC will in no case be responsible or liable for these costs, regardless of the conduct or outcome of the EOI process.

3.2 EMD amounting to NPR **10,51,000/-** shall be required to be submitted with the proposal in either of the form:

i. Bank Guarantee from any "A" class Bank in Nepal for the amounts expressed in Nepalese Rupees (NPR). The Bank Guarantees in equivalent INR amount shall be acceptable only if these are issued by a Scheduled Bank of India duly counter guaranteed by any A class bank in Nepal.

Bank Guarantee for EMD in original shall be submitted along with the proposal. EMD shall remain valid for a period of 30 days i.e. total 150 days, beyond the original validity period of the proposal or beyond any period of extension subsequently requested.

OR

FDR duly pledged in favor of Employer.

OR

Demand Draft endorsed in favour of Employer.

The FDR/DD issued by a "A" Class Nepalese Bank shall only be acceptable.

OR

Alternatively, payment against EMD may also be made directly in the following account of SAPDC, However, proof of same shall be submitted by the Firm/agency with the Proposal:

NPR Account Details:

Everest Bank Limited

Acc. No. 00800105200477

Swift Code: EVBLNPKA

Firm/agency is also advised to ensure receipt of amount in above account before last date of EOI submission.

- 3.3 Any EOI not accompanied by an acceptable Earnest Money Deposit shall be rejected by the Employer as non-responsive.
- 3.4 The Earnest Money Deposit of firm(s)/agency(ies) not shortlisted (Stage-II - for submission of final proposal) will be returned within 7 days after notification of shortlisting firms.
- 3.5 The Earnest Money of firm(s)/agency(ies) shortlisted will be returned within 7 days after notification of successful Firm.
- 3.6 The Earnest Money of the successful Firm/agency will be discharged within 28 days after the successful Firm/agency has signed the Agreement and furnished the required Performance Security Deposit.
- 3.7 The Earnest Money may be forfeited:
 - a) If the Firm/agency withdraws the EOI after opening of proposals during the period of validity of proposal;

Or

 - b) If the Firm/agency adopts corrupt or fraudulent practices

Or

 - c) If shortlisted firm/agency fails to participate in Stage-II (submission of final proposal) due to reason other than change in condition(s) by SAPDC in further proposed tender condition from

this EOI document.

Or

d) If the bidder does not accept the correction of bid price pursuant to relevant provisions during Stage-II of tendering.

Or

e) 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.

3.8 No interest shall be paid by SAPDC on Earnest Money Deposit.

4. Site Visit

4.1 The prospective Firms/agencies are advised to visit the project site before submission of their proposals. The Firm/agency shall bear all costs associated with the site visit.

The information about the project and/or its surroundings is given in good faith. The Firm/agency may however, obtain necessary information and acquaint themselves with Site by making site visit at their own cost.

4.2 Arun-3 Hydro Electric Project is located in Sankhuwasabha district, Nepal. Corporate office of SAPDC is at Tumlintar. Dam site and Power house sites are located in Phaksinda (near Num) and Diding respectively which are 60 km from Tumlingtar. Nearest Railway station is Jogbani, Bihar approx. 300 km from sites and nearest airport is Tumlingtar, Nepal.

B. Preparation of Proposal

5. Language of Proposals

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

6. Validity Period of Proposals

Proposal shall remain valid for acceptance for a period of 120 days (one hundred twenty days) from the last date of submission of proposals.

7. Signing of Proposal

The Proposal 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 Firm/agency under legally enforceable Power of Attorney. All the pages of the proposal shall be signed and stamped at the lower right hand corner by the person or persons signing the proposal.

C. Submission of Proposals

8. Documents comprising the Proposal and manner of Submission thereof:
The following documents duly signed shall be submitted in this part of the proposal:
- a. Letter for expression of interest- **Form A**;
 - b. Undertaking regarding eligibility - **Form B**;
 - c. Financial Information Form - **Form C**;
 - d. Technical/Work Experience of similar nature - **Form D**;
 - e. Copy of VAT/PAN Registration
 - f. Firm/agency Registration
 - g. ISO certification;
 - h. Brief methodology covering scope of work.
 - i. All the documents as specified under clause No. 2 of Section-III, Instructions to Firms/Agencies, 'Eligibility'.

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

9. Dead line for Submission of Proposals

- 9.1 The Proposal shall be received by SAPDC not later than the time & date at the address specified at Sr. No. 1.6 of Notice Inviting Expression of Interest or alternatively the signed copy of proposal may be e-mailed on ID pnc.sapdc@gmail.com. SAPDC shall not be responsible for any delay in receipt due to any reason whatsoever and/ or for loss of the proposal in postal transit. However, if firm(s)/agency(ies) opts for submission of EMD directly in the bank account of SAPDC as per Clause No. 3 of Instruction to Firms/Agencies then the proof of same shall be submitted by the Firm/agency alongwith the Proposal. Further, if firm(s)/agency(ies) opts for submission of EMD in form of BG, the original BG shall be submitted by the firm(s)/agency(ies) at the address provided in para 1.6 of Notice Inviting Expression of Interest.
- 9.2 SAPDC may extend the deadline for submission of proposals by issuing an amendment in accordance with Sr. No. 4 of Notice Inviting Expression of Interest, in which case all rights and obligations of the SAPDC and the firms/agencies previously subject to the original deadline will then be subject to the new deadline.

10. Late/Delayed Proposal

Any proposal received by the SAPDC after the deadline prescribed by the SAPDC will be not be considered.

11. Clarification of Proposals

To assist in the examination and comparison of proposals, SAPDC may ask firms/agencies individually for clarification of their proposal. The request for clarification and the response shall be sent through post or email.

12. Determination of Responsiveness & Techno-Commercial evaluation

- 12.1 Prior to the detailed evaluation of proposals, the SAPDC will determine whether each proposal:
- i) meets the eligibility requirements set out under Para 2.0 hereof;
 - ii) has been properly signed.

iii) is substantially responsive to the requirements of the EOI documents.

12.2 If a proposal is not substantially responsive, it will be rejected by SAPDC and may not be subsequently made responsive by correction or withdrawal of the non-conforming deviation or reservation or by submission of subsequent clarifications.

13. Evaluation and Comparison of Proposals

13.1 SAPDC will evaluate and compare only the proposals determined to be substantially responsive to the requirements of the EOI Documents in accordance with Para-12 hereof.

13.2 Overall Process

a. Stage-I: Expression of Interest (EOI)

Preliminary scrutiny of the proposals substantially responsive to the requirements of the EOI documents shall be carried out. The firms/agencies shortlisted in this stage may be invited for presentation/submission of final proposal.

b. Stage-II: Calling of Final proposal

Final proposal inclusive of Price Bid may be invited from shortlisted Firms/Agencies. The award criteria during Stage-II shall be as under:

SAPDC will award the contract to the firm/agency whose proposal has been determined to be substantially responsive to the Bidding documents and the evaluation shall be carried out as detailed hereunder:

- a) The Qualifying Marks in Techno-commercial Part ≥ 60 for opening of price bid.
- b) Weightage for Technical and Financial proposals = 80:20
- c) Total Score = $0.8 (\text{Technical Score of Firm/agency}) + 0.2 \{100 \times (\text{evaluated rate of L1/ evaluated Rate of Firm/agency})\}$

Firm/agency with highest score shall be awarded with the work provided the evaluated Bid Price is within a reasonable variation of the estimated amount of Work. In case of tie of score, the work shall be awarded to the firm whose evaluated price is lesser.

14. Right to accept any Proposal and to reject any or All Proposals

Notwithstanding Para-13.0, the SAPDC reserves the right to accept or reject any proposal or to annul the EOI process and reject all proposals, at any time, without thereby incurring any liability to the affected firm/agency(s) or any obligation to inform the affected firm/agency(s) of the grounds for the SAPDC action.

SECTION-IV

**LETTER FOR EXPRESSION OF INTEREST, UNDERTAKING
REGARDING ELIGIBILITY AND FINANCIAL & TECHNICAL
INFORMATION FORMS**

LETTER FOR EXPRESSION OF INTEREST

To,

**Chief Engineer (P&C),
Arun-3 HEP, SAPDC, Tumlingtar.**

1. We have read and examined the following EOI Documents relating to 'Expression of Interest for engagement of Firm for Inspection, testing and certifying the quality for HM works of Arun-3 HEP Distt. Sankhuwasabha, Nepal.

Section-I	Notice Inviting Expression of Interest
Section-II	Detailed Scope of Work
Section-III	Instructions to Firms/Agencies
Section-IV	Letter for expression of interest, undertaking regarding eligibility and Financial & Technical information forms.

2. We hereby submit 'Expression of interest for engagement of expert agency for HM works of Arun-3 HEP Distt. Sankhuwasabha, Nepal' upon the terms and conditions contained or referred to in the aforesaid documents.
3. We agree to keep this proposal open for acceptance for 120 days after the last date for submission of proposal and also agree not to make any modifications in its terms and conditions on our own accord.
4. We certify that the proposal submitted by us is strictly in accordance with the terms, conditions, specifications etc. as contained in your EOI 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 proposal submitted by us is correct to the best of our knowledge and belief.
5. This 'LETTER FOR EXPRESSION OF INTEREST' is made in the full understanding that:
 - a. Through this EOI, SAPDC intends to identify interested and capable parties in India/Nepal for Inspection, testing and certifying the quality for HM works of Arun-3 HEP Distt. Sankhuwasabha, Nepal.
 - b. This EOI may be intended for shortlisting of applicants.

- c. If shortlisted firm/agency fails to participate in Stage-II (submission of final proposal) due to reason other than change in condition(s) by SAPDC in further proposed tender condition from this EOI document, EMD shall be forfeited by SAPDC.
- d. EOI process may be subject to verification of all information submitted at the discretion of SAPDC.

(Signature of person duly authorized to sign the proposal on behalf of the firm/agency along with Seal of Company)

Name_____

Designation_____

Contact No. /Email ID

Witness:

Name_____

Signature_____ Designation_____

Date_____ Name of Company_____

Telephone No./Email ID_____

UNDERTAKING REGARDING ELIGIBILITY

To,

**Chief Engineer (P&C),
Arun-3 HEP, SAPDC, Tumlingtar.**

Dear Sir,

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

Yours faithfully,

Signature

[Name and Title of Signatory]

[Name of Firm/agency]

FINANCIAL INFORMATION

We declare that the Financial information during the last 3 years, ending 31.03.2020 (A.D.) / 31.03.2076 (B.S. Calendar) are as under:

S. No.	Period	Turnover *	Net Worth *	Profit *
1.	2017-18 / 2073-74			
2.	2018-19 / 2074-75			
3.	2019-20 / 2075-76			
4.	Average for the last three (03) financial years.			

** As defined under sub-head B of clause 2.2 of Instructions to Firms/Agencies*

For and on behalf of the Firm/Agency

.....

(Signature of authorized representative of the Firm/agency, along with his name, Seal of Company)

STATEMENT OF SIMILAR NATURE WORKS COMPLETED

We declare that we ourselves as Sole Contractor or as Partner of JV or Sub-contractor or Consultant have executed the works tabulated below during preceding 10 years (work may be started earlier) from the last day of the month previous to the one in which EOI has been invited:

Sl. No.	Name of Work	Role/ Responsibilities	Capacity of Project	Name of Client/employer	Date of LOA/ Agreement & Date of Completion

Note: -

- i. Firm/agency to fill in the details as provided here-in-above and attach additional pages, if necessary, in case of JV.*
- ii. Firm(s)/agency(ies) to enclose necessary certificates in support of above details.*
- iii. Copy of Joint Venture Agreement also to be furnished where the works have been executed in joint venture.*

For and on behalf of the firm/agency

.....

(Signature of authorized representative of the Firm/agency, along with his name, Seal of Company)