**NEPAL ELECTRICITY AUTHORITY**

**GENERATION CONSTRUCTION**

# RAHUGHAT HYDROELECTRIC PROJECT

PREQUALIFICATION DOCUMENT

**FOR**

LOT NO. 2
HYDRO-MECHANICAL WORKS

**CONTRACT Ref. NO. RGHEP/NEA-2068/069(01)**

**JULY 2012**

**KATHMANDU, NEPAL**

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ANNEXURE

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## A. ABBREVIATIONS AND GLOSSARY

| | |
|---|---|
| BOQ | Bill of Quantities |
| EIA | Environmental Impact Assessment |
| EL | Elevation |
| FIDIC | Federation Internationale des Ingenieurs-Conseils; an association based in Switzerland that produces GCOCs for different classes of works construction. |
| FSL | Full Supply Level |
| GCOC | General Conditions of Contract |
| GITA | General Instructions to Applicants, in the SPD |
| GoN | Government of Nepal |
| GWh | Giga Watt Hour |
| HEP | Hydro Electric Project |
| ICB | International Competitive Bidding |
| IDC | Interest During Construction |
| IF | Information Forms |
| IFB | Invitation for Bids |
| IFP | Invitation for Prequalification |
| INPS | Integrated Nepal Power System |
| IPP | Independent Power Producer |
| ITB | Instructions to bidders |
| JV | Joint Venture |
| JVA | Joint Venture Agreement |
| MoEP | Ministry of Environment, and Population |
| MW | Mega Watt |
| NCB | National Competitive Bidding |
| NEA | Nepal Electricity Authority |
| PQ | Prequalification |
| PITA | Particular Instructions to Applicants, in the SPD |
| RGHEP | Rahughat Hydroelectric Project |
| SBD | Standard Bidding Document |
| SPD | Standard Prequalification Document |
| VDC | Village Development Committee |

| | |
|---|---|
| Employer | The legal entity that is one party to a works contract, the other party being the “Contractor.” |
| Contractor | The legal entity that is party to and performs a works contract, the other party to the contract being the “Employer.” |
| Joint venture | An association of firms that pool their resources and skills to undertake a large or complex contract in the role of “Contractor,” with all firms (partners in the JV) being legally liable, jointly and severally, for the execution of the contract in the event of another partner’s withdrawal. |
| Engineer | A Consultant, acting as an agent of the Employer, engaged to administer the Contract signed between Employer and different Contractors. |
| Postqualification | An assessment made by the Employer after the evaluation of bids and prior to award of contract, to ensure that the lowest (total highest score)-evaluated, responsive, eligible bidder is qualified to perform the Contract in accordance with previously specified qualification requirements. |
| Prequalification | An assessment made by the Employer of the appropriate level of experience and capacity of firms expressing interest in undertaking a particular contract, before inviting them to bid. |
| Prime contractor | A firm that performs a substantial part of a manufacture/ construction work contract itself and the balance, if any, by subcontractors, while bearing full responsibility for the whole contract. |
| Provisional sum | A sum included provisionally in the Schedule of Prices of a contract, normally for a specialized part of the works or for contingencies, which sum shall be used only at the instruction of the Employer/Engineer for payments to the contractor and/or to nominated subcontractors. |
| Turnover | The gross earnings of a firm (in this context, an equipment manufacturer/ construction contractor), defined as the billings for contract work in progress and/or completed, normally expressed on an annual basis, and excluding income from other sources. |
| Works | The total work involvement in a manufacture/ construction contract, including the “Permanent” Works or finished product as specified, and the “Temporary” Works required by the Contractor for the execution of the contract. |
| Writing | For the purpose of this document, any authenticated handwritten, typed, or printed communication, including facsimile transmission. |

# Section I: Invitation for Prequalification

# Section I: Invitation for Prequalification

## NEPAL ELECTRICITY AUTHORITY (NEA)
## RAHUGHAT HYDROELECTRIC PROJECT (RGHEP)

Date of First Publication: 9th July 2012
Name of Project: Rahughat Hydroelectric Project (32 MW)
Name of Contract: Lot 2: Hydro-mechanical Works
Contract Reference No: RGHEP/NEA-2068/069 (01)

1. This invitation for Pre-qualification is issued to all Hydro-mechanical Works Contractors, who are eligible in accordance with the conditions stated in the prequalification document, and who are interested to undertake Design, Manufacture, Erection and Commissioning of Hydro-mechanical Equipment for Rahughat Hydroelectric Project (RGHEP). Nepal Electricity Authority (NEA) is constructing Rahughat Hydroelectric Project on Rahughat River. The Project is located in Piple, Jhi and Dagnam VDC of Myagdi District of Dhaulagiri Zone in Western Development Region of Nepal.

2. Government of Nepal has received a credit from the Government of India towards the cost of infrastructure development and intends to apply part of the proceeds of this loan to cover eligible payments under the contract RGHEP/NEA-2068/069(01) for the construction of RGHEP.

3. Eligibility & Qualification Criteria for Hydro-mechanical Works for Prequalification are as follows:

   *Applicants failing to meet the following **Primary Eligibility, Legal Eligibility** and **Qualification Criteria** shall be determined disqualified.*

   ***A. Primary Eligibility Criteria:***

   1. *The Indian content in the goods and services shall be at least 75% for the contract price.*
   2. *The Bidder must be a party in India; or a joint venture of, a party in Nepal and a party in India.*
   3. *The equity stake within the following entities shall be such that at least 51% ownership is held by Indians.*
      a. *Bidding party*
      b. *Manufacturer of major equipment (Gates & Penstock) offering equipment manufactured in India.*
   4. *Manufacturing plants located in India with at least 51% Indian ownership shall only be considered as Indian manufacturer.*
   5. *The Bidder should have manufacturing and testing facilities in India for Gates & Penstock.*

   *Note: For the above purpose, "party" means any company, corporate or entity registered under the prevailing laws of India or Nepal.*

   ***B. Legal Eligibility Criteria:***

1. *The Bidder shall be a manufacturer or contractor legally registered for at least five (5) years. A notarized copy of legal registration certificate shall be submitted along with the Bid.*

2. *In case of a joint venture (which shall not exceed 3 partners in any case) all partners of the JV shall be manufacturer or contractor legally registered for at least five (5) years. Notarized copies of legal registration certificate of each JV partner shall be submitted along with the Bid.*

***C. Qualification Criteria:***

*The qualifying criteria for the Applicants are as follows.*

*I. Bidder must have successfully completed within the last 10 years (from the last date set for PQ Proposal submission) at least two hydro-mechanical works contract in hydroelectric power plant of capacity ≥ 32 MW. The contract must have involved design, supply, construction, installation and commissioning works.*

*II Proposed manufacturer must have supplied within the last 10 years (from the last date set for PQ Proposal submission) at least 6 Radial Gates and Wheel Gates each.*

*III Proposed manufacturer must have supplied within the last 10 years (from the last date set for PQ Proposal submission) at least 700 m steel penstock of diameter ≥ 2 m.*

*IV Bidder's average annual turnover of the last three years shall not be less than USD 1.767 million.*

*V Bidder shall possess working capital of not less than USD 0.314 million to undertake the Contract.*

*The satisfactory completion of the work experience (Item Nos. I to III above) shall be evidenced by the respective Employer's or Engineer's reference (User's Certificate). In case, the Applicant is a Contractor/Supplier, they shall submit a Letter of Authorization from the proposed manufacturer(s) who fulfill above requirement II & III.*

*Financial capability (Item Nos. IV & V above) shall be evidenced by submitting financial statements (including Balance Sheet and Profit & Loss Account) signed & sealed by registered auditor(s) for the last 3 fiscal years. If the bidder's working capital is inadequate, the bidder shall supplement this with the banker's letter confirming the availability of line of credit to meet the total requirement.*

*In case of a joint venture, the partners must collectively satisfy the above requirements as well as individually meet the following,*

*a. The lead partner must have successfully completed within the last 10 years (from the last date set for PQ Proposal submission) at least one hydro-mechanical works contract in hydroelectric power plant of capacity ≥ 19.2 MW. Each of the other partner(s) must have successfully completed within the last 10 years (from the last date set for PQ Proposal submission) at least one hydro-mechanical works contract in hydroelectric power plant of capacity ≥ 6.4 MW. The contracts must have involved design, supply, construction, installation and commissioning works.*

b. *The lead partner's average annual turnover of the last three years shall not be less than USD 0.901 million and each of the other partner's average annual turnover of the last three years shall not be less than USD 0.177 million.*

c. *The lead partner's working capital shall not be less than USD 0.160 million and each of the other partner's working capital shall not be less than USD 0.031 million.*

4. RGHEP/NEA intends to execute the construction of the Project in a traditional separate contract packages contract model under Employer's co-ordination in the following four parallel contracts:

Lot 1: Main Civil Works
Lot 2: Hydro-mechanical Works
Lot 3: Mechanical and Electrical Works
Lot 4: Transmission line and Substation Works

This pre-qualification relates to Lot 2: Hydro-mechanical Works. All Hydro-mechanical works for the project shall be carried out in one contract.

5. The works for Lot 2: Hydro-mechanical Works include, but not limited to the following parts:

- Two (2) numbers weir radial gates (8m X 5m; W x H), including stoplog, guide and beams and hydraulic hoist
- One (1) number of Under Sluice Radial Gate (5m X 2.5m; W x H), including stoplog, guide and beams and hydraulic hoist
- Two (2) numbers of wheel gates (4.5mX2m; W x H) for intake, including stoplog, guide and beams and hydraulic hoist
- Two (2) numbers of Intake trash rack (4.5mX2m; W x H) and one trash rack cleaner
- Two (2) numbers of wheel gates (1m X 1.2m; W x H) for flushing structure
- One (1) number of vertical lift gate (4m X 2m; W x H) for Tunnel inlet port, including stoplog, guide and beams
- One (1) number trash rack (1mX4m; W x H) for tunnel inlet
- Two (2) numbers of vertical lift gates (3.3 m X 1.8 m; W x H) for tail-race
- One (1) number Emergency Closing Wheel Gate (2.6 mx2.6m; WxH) down-stream of Surge tank
- Steel lining (dia. = 1.95m, length = 354.4m) for penstock tunnel
- Steel manifold pipe with two branch pipes at powerhouse (diameter = 1.34m)

5. Interested eligible Applicants for prequalification may obtain further information from and inspect the prequalification documents at Rahughat Hydroelectric Project (Address below) during office hours. A complete set of prequalification documents in English may be purchased by interested applicants from 9th July 2012 to 22nd August 2012 during office

hours on submission of a written application to the address given below and upon the submission of a bank-voucher evidencing a non-refundable cash deposit of NRs. 5,000/- or US$ 65 in Current Account Number 01000105200244 at Everest Bank Limited, Teku, Kathmandu, Nepal in favor of the RGHEP/NEA.

6. Prequalification Application, one original and two duplicate copy along with the original prequalification document having signed & sealed on each page by authorized personnel should be submitted in sealed envelopes and delivered to the address below on or before 23rd August 2012 until 13:00 hours (local time) and be clearly marked "**Application to Prequalify for Lot 2: Hydro-mechanical Works for Rahughat Hydroelectric Project, Contract Reference No. RGHEP/NEA-2068/069(01)**". The applications must be submitted in the same name in which the document was purchased. Documents, which are received late, will not be considered and will be returned unopened.

7. Prequalification Applications will be opened at 13:30 hours (local time) on 23rd August 2012 at the Office of RGHEP/NEA, Kharipati, Bhaktapur (Kathmandu), in presence of the applicants' representatives who choose to attend. The opening will take place even without presence of representatives from applicants.

8. If the last date for purchasing or submission falls on a government holiday then the next working day shall be considered the last day.

9. It is recommended that eligible Applicants familiarize themselves with the local conditions by visiting the project area. Costs incurred for preparation of applications and for visits are to be borne by the Applicant.

10. RGHEP/NEA reserves the right to accept or reject any or all applications for prequalification and cancel the prequalification process and reject all applications without assigning any reason whatsoever.

11. The applicants may also visit website: www.nea.org.np for "Invitation for Prequalification".

**Address:**

Project Director
Rahughat Hydropower Project
Generation Construction
Nepal Electricity Authority
Kharipati, Bhaktapur (Kathmandu)
Tel. No.: 977-01- 66 10 646
**URL**:www.nea.org.np

# Section II: General Instructions to Applicants (GITA)

# Section II: General Instructions to Applicants (GITA)

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# Section II: General Instructions to Applicants (GITA)

## 1. Source of Funds and Scope of Works

**Source of Funds**

1.1 DP Funded: The GoN has applied for or received financing (hereinafter called "funds") from the Development Partner (hereinafter called "the DP") ***indicated in the BDS*** toward the cost of the project ***named in the BDS***. The GoN intends to apply a portion of the funds to eligible payments under the contract(s) for which this Bidding Document is issued.

**Scope of Work**

1.2 The Employer, as named in the PITA, intends to prequalify contractors for the Works described in the PITA.

**Slice and Package**

1.3 If so indicated in the PITA, the total Works to be constructed have been divided into a number of similar individual contracts (slices) and bids will be invited concurrently for individual contracts and for combinations of contracts (packages). Bidders can bid on individual contracts only or on a combination of contracts within their prequalified capacity as assessed by the Employer. Qualification criteria for slice and package bidding are described in Sub-Clause 4.15.

**Bid Invitation**

1.4 It is expected that prequalified applicants will be invited to submit bids during the month and year indicated in the PITA.

**Type of Contract**

1.5 The bidding documents, type of contract, and method of payment, whether prices are fixed or adjustable, and the time for completion are indicated in the PITA.

**Site Information**

1.6 General information on the climate, hydrology, topography, geology, access to site, transportation and communications facilities, medical facilities, project layout, expected construction period, facilities, services provided by the Employer, and other relevant data is attached as an Annex to the PITA.

## 2. Fraud and Corruption

2.1 GoN/DP requires that the Employer as well as bidders/suppliers/ contractors observe the highest standard of ethics during the procurement and execution of contracts. In pursuant to this policy, GoN/DP:

i. defines, for the purposes of this provision, the terms set forth below as follows:

"corrupt practice" means the offering, giving, receiving, or soliciting of anything of value to influence the action of a public official in the procurement process or in contract

execution; and

"fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Employer, and includes collusive practices 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; and

ii. will not accept a proposal for award if it determines that the bidder recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question; and

iii. will declare a firm ineligible, either indefinitely or for a stated period of time, to be awarded a GoN/DP funded contract if it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing, a GoN/DP funded contract.

## 3. Eligibility of Countries and bidders

**Eligible Countries**

3.1 Except as provided in Sub-Clause 3.2 and 3.3, this Invitation for Prequalification is open to all eligible firms from Nepal and abroad. The Donor Agency maintains a list of countries from which bidders, goods, and the services are not eligible to participate in procurement financed by the Donor Agency. Joint Ventures from Nepal and abroad shall be permitted to bid.

**Eligible bidders**

3.2 A firm that has been engaged by the GoN/DP to provide consulting services for the preparation or implementation of a project, and any of its affiliates, shall be disqualified from subsequently providing goods or works (other than a continuation of the firm's earlier consulting services) for the same project.

3.3 A firm declared ineligible by the Donor Agency shall be ineligible to bid for a Donor-funded contract during the period of time determined by the Donor Agency.

## 4. Qualification Criteria

**General**

4.1 Prequalification will be based on Applicants meeting all the following minimum pass–fail criteria regarding their general and particular construction/manufacturing experience, financial position, personnel and equipment capabilities, and other relevant information as demonstrated by the Applicant's responses in the Information Forms attached to the Letter of Application. Additional requirements for joint ventures are given in Section 5. The qualifications, capacity, and resources of proposed subcontractors will not be taken into account in assessing those of individual or joint venture Applicants, unless they are named specialist subcontractors pursuant to Sub-Clause 4.4.

**Nominated Subcontracting**

4.2 If so listed in the PITA, the Employer intends to execute certain specialised elements of the Works by Nominated Subcontractors in accordance with the GCOC of the bidding documents, and for which Provisional Sums will be included in the Schedule of Prices for the subject Works.

**Subcontracting**

4.3 If an Applicant intends to subcontract parts of the Works such that the total of subcontracting is more than the percentage stated in the PITA of the Applicant's approximated Bid Price, that intention shall be stated in the Letter of Application, together with a tentative listing of the elements of the Works to be subcontracted.

**Specialist Subcontracting**

4.4 If an Applicant intends to subcontract any highly specialised elements of the Works to specialist subcontractors, such elements and the proposed subcontractors shall be clearly identified, and the experience and capacity of the subcontractors shall be described in the relevant Information Forms.

**Acceptable Substitutes**

4.5 With reference to Sub-Clauses 4.3 and 4.4, the Employer may require Applicants to provide more information about their proposals. If any proposed subcontractor is found ineligible or unsuitable to carry out an assigned task, the Employer may request the Applicant to propose an acceptable substitute, and may conditionally prequalify the Applicant accordingly, before issuing an invitation to bid.

**Contractor's Responsibility**

4.6 After award of contract, the subcontracting of any part of the Works, other than for the provision of labour and materials, or to subcontractors named in the Contract, shall require the prior consent of the Employer. Notwithstanding such consent, the Contractor shall remain responsible for the acts, defaults, and neglects of all subcontractors during contract implementation.

**General Manufacturing/Construction Experience**

4.7 The Applicant shall provide evidence that:

a. it has been actively engaged in the hydro-mechanical works manufacturing/construction

business for at least the period stated in the PITA immediately prior to the date of submission of applications, in the role of prime contractor, management contractor, partner in a joint venture, or subcontractor, and

b. that the Applicant has generated an average annual construction turnover during the above period greater than the amount stated in the PITA.

The average annual turnover is defined as the total of certified payment certificates for works in progress or completed by the firm or firms comprising the Applicant, divided by the number of years stated in the PITA.

**Particular Construction Experience**

4.8 a. The Applicant shall provide evidence that it has successfully completed or substantially completed at least the number of contracts stated in the PITA, of a nature, complexity, and requiring manufacturing/construction technology similar to the proposed contract, within the period stated in the PITA. The works may have been executed by the Applicant as a prime contractor, management contractor, or proportionately as member of a joint venture or subcontractor, with references being submitted to confirm satisfactory performance.

b. The Applicant shall also provide evidence that it has achieved the minimum monthly and/or annual production rates of the key construction activities described in the PITA under similar contract conditions.

**Financial Capabilities**

4.9 The Applicant shall demonstrate that it has access to, or has available, liquid assets, unencumbered real assets, lines of credit, and other financial means (independent of any contractual advance payment) sufficient to meet the construction cash flow requirements for the subject contract(s) in the event of stoppage, start-up, or other delays in payment, of the minimum estimated amount stated in the PITA, net of the Applicant's commitments for other contracts.

4.10 In the relevant Information Form, the Applicant shall also demonstrate, to the satisfaction of the Employer, that it has adequate sources of finance to meet the cash flow requirements on works currently in progress and for future contract commitments.

4.11 The audited balance sheets or, if not required by the laws of the Applicant's country, other financial statements acceptable to the Employer, for the last five years (unless otherwise stated in the PITA) shall be submitted and must demonstrate the current soundness of the Applicant's financial position and indicate its prospective long-term

profitability. If deemed necessary, the Employer shall have the authority to make inquiries with the Applicant's Donors.

**Personnel Capabilities**

4.12 The Applicant shall supply general information on the management structure of the firm, and shall make provision for suitably qualified personnel to fill the key positions if listed in the PITA, as required during contract implementation. The Applicant shall supply information on a prime candidate and on an alternate for each key position, both of whom shall meet the experience requirements specified.

**Equipment Capabilities**

4.13 The Applicant shall own, or have assured access (through hire, lease, purchase agreement, other commercial means, or approved subcontracting) to key items of equipment, in full working order, if listed in the PITA, and must demonstrate that, based on known commitments, they will be available for timely use in the proposed contract. The Applicant may also list alternative types of equipment that it would propose for use on the contract, together with an explanation of the proposal.

**Litigation History**

4.14 The Applicant shall provide accurate information on the related Application Form about any litigation or arbitration resulting from contracts completed or ongoing under its execution over the last five years. A consistent history of awards against the Applicant or any partner of a joint venture may result in failure of the application.

**Slice and Package**

4.15 When applying for prequalification on more than one contract under the slice and package arrangements, the Applicant must provide evidence that it meets or exceeds the sum of all the individual requirements for the slices or lots being applied for in regard to:

a. average annual turnover (Sub-Clause 4.7 (b));
b. particular experience including key production rates (Sub-Clause 4.8);
c. financial means, etc. (Sub-Clauses 4.9, 4.10, and 4.11);
d. personnel capabilities (Sub-Clause 4.12); and
e. equipment capabilities (Sub-Clause 4.13)

In case the Applicant fails to fully meet any of these criteria, it may be qualified only for those slices for which the Applicant meets the above requirement

**Right to Waive**

4.16 The Employer reserves the right to waive minor deviations in the qualification criteria if they do not materially affect the capability of an Applicant to perform the contract.

## 5. Joint Ventures

**Eligibility**

5.1 If the Applicant comprises a number of firms combining their resources in a joint venture, the individual partners in the joint venture shall be registered in eligible source countries and shall otherwise meet the requirements of Clause 3 above.

**Qualification Criteria**

5.2 The joint venture must satisfy collectively the criteria of Clause 4. For this purpose the following data of each member of the joint venture may be added together to meet the collective qualifying criteria:

a. average annual turnover (Sub-Clause 4.7 (b));
b. particular experience (Sub-Clause 4.8 (a)) and key production rates (Sub-Clause 4.8 (b));
c. construction cash flow (Sub-Clause 4.9);
d. personnel capabilities (Sub-Clause 4.12); and
e. equipment capabilities (Sub-Clause 4.13).

Each partner must satisfy the following criteria individually:

a. general construction experience for the period of years stated in Sub-Clause 4.7 (a).
b. adequate sources to meet financial commitments on other contracts (Sub-Clause 4.10),
c. financial soundness (Sub-Clause 4.11), and
d. litigation history (Sub-Clause 4.14).

In accordance with the above, the Application shall include all related information required under Clause 4 for individual partners in the joint venture.

**Partner in Charge**

5.3 One of the partners, who is responsible for performing a key function in contract management or is executing a major component of the proposed contract, shall be nominated as being in charge during the prequalification and bidding periods and, in the event of a successful bid, during contract execution. The partner in charge shall be authorised to incur liabilities and receive instructions for and on behalf of any and all partners of the joint venture; this authorisation shall be evidenced by submitting a power of attorney signed by legally authorised signatories of all the partners.

**Partner Limitation**

5.4 Unless otherwise stated in the PITA, there shall be no limit on the number of partners in a JV; however, the attention of Applicants is drawn to the provisions of Sub-Clause 5.5.

**Joint and Several Liability**

5.5 All partners of the joint venture shall be legally liable, jointly and severally, during the bidding process and for the execution of the contract in accordance with the contract terms, and a statement to this effect shall be included in the

authorisation mentioned under Sub-Clause 5.3 above.

**Joint Venture Agreement** 5.6 A copy of the Joint Venture Agreement (JVA) entered into by the partners shall be submitted with the Application. Alternatively, a Letter of Intent to execute a JVA in the event of a successful bid shall be signed by all partners and submitted with the Application together with a copy of the proposed Agreement. Pursuant to Sub-Clauses 5.3 to 5.5 above, the JVA shall include among other things: the JV's objectives; the proposed management structure; the contribution of each partner to the joint venture operations; the commitment of the partners to joint and several liability for due performance; recourse/sanctions within the JV in the event of default or withdrawal of any partner; and arrangements for providing the required indemnities.

**Dissolution of Joint Venture** 5.7 The prequalification of a joint venture does not necessarily prequalify any of its partners to bid individually or as a partner in any other joint venture or association. In case of dissolution of a joint venture prior to the submission of bids, any of the constituent firms may prequalify if they meet all of the prequalification requirements, subject to the written approval of the Employer. Individual members of a dissolved joint venture may participate as subcontractor to qualified Applicants, subject to the provisions of Sub-Clause 10.3.

## 6. Domestic Bidder Price Preference

**Eligibility** 6.1 A domestic price preference for qualifying domestic bidders shall apply in bid evaluation as described in Sub-Clauses 6.2 and 6.3. On the basis of information submitted by Applicants and available at the time of notification, the Employer will inform prequalified Applicants of their apparent eligibility to qualify for the domestic bidder price preference (subject to subsequent confirmation at bid evaluation), in accordance with Sub-Clauses 6.2 and 6.3.

**Domestic bidders** 6.2 Domestic bidders shall provide all evidence necessary to prove that they meet the following criteria to be eligible for a margin of preference stated below in the comparison of their bids with those of bidders who do not qualify for the preference.

Domestic bidders which meet the following criteria shall be given a 7.5 percent preference.

a. for an individual firm or joint venture of firms:

   i. each firm is registered in Nepal,

   ii. each firm has more than 50 percent ownership by nationals of Nepal

   iii. will not subcontract more than 50 percent of the total value of the Works to foreign contractors,

iv. satisfies any other criteria specified for the purpose of domestic preference eligibility in the Bidding Data.

b. for a joint venture between domestic and foreign firms:

i. each domestic firm is eligible for the preference according to the criteria stated in (a) above,

ii. at least 50 percent interest in the joint venture is held by the Nepalese firms as demonstrated by the profit and loss sharing provisions of the joint venture agreement,

iii. will not subcontract more than 50% of the total value of the works to the foreign partner or other foreign firms,

iv. satisfies any other criteria specified for the purpose of domestic preference eligibility in the Bidding Data.

**Foreign-Domestic Joint Venture**

6.3 Joint ventures between domestic and foreign firms which meet the following criteria shall be given a 5 percent preference:

i. each domestic firm is eligible for the preference according to the criteria stated in (a) above,

ii. between 25 and 50 percent interest in the joint venture is held by the Nepalese firms as demonstrated by the profit and loss sharing provisions of the joint venture agreement,

iii. will not subcontract more than 50% of the total value of the works to the foreign partner or other foreign firms,

iv. satisfies any other criteria specified for the purpose of domestic preference eligibility in the Bidding Data.

## 7. Clarification and Amendment of Prequalification Documents

**Clarification of Prequalification Documents**

7.1 Applicants are responsible for requesting any clarification of the prequalification documents. A request for clarification shall be made in writing to the Employer's address indicated in the PITA. The Employer will respond to any request for clarification that it receives earlier than 14 days prior to the deadline for submission of applications. Copies of the Employer's response, including a description of the inquiry but without identifying its source, will be forwarded to all purchasers of the prequalification documents.

**Amendment of Prequalification Document**

7.2 At any time prior to the deadline for submission of Applications, the Employer may amend the Prequalification Document by issuing addenda.

7.3 Any addendum issued shall be part of the Prequalification Document and shall be communicated in writing to all who

have obtained the Prequalification Document directly from the Employer.

7.4 To give prospective Applicants reasonable time in which to take an addendum into account in preparing their Applications, the Employer may, at its discretion, extend the deadline for the submission of applications.

## 8. Submission and Opening of Applications

**Deadline for Submission of Applications**

8.1 Submission of applications for prequalification must be received in sealed envelopes either delivered by hand or by registered mail to the address, and not later than the date stated in the PITA. The name and mailing address of the Applicant shall be indicated on the envelope, which shall be clearly marked as indicated in the PITA. A receipt will be given for all applications submitted.

8.2 The Employer may, at its discretion, extend the deadline for the submission of Applications by amending the Prequalification Document in accordance with Sub-Clauses 7.2~7.4, in which case all rights and obligations of the Employer and the Applicants subject to the previous deadline shall thereafter be subject to the deadline as extended.

**Late Applications**

8.3 The Employer reserves the right to accept or reject late applications.

**Opening of Applications**

8.4 The Employer will open the Bids in the presence of the Bidders' representatives who choose to attend at the time and in the place specified in the PITA. The opening process will not be hampered even if applicants' representatives are not present. The Employer shall prepare a record of the opening of Applications that shall include, as a minimum, the name of the Applicant. A copy of the record shall be distributed to all Applicants.

**Language**

8.5 All information requested for prequalification shall be provided by Applicants in the language indicated in the PITA. Information may be provided in another language, but it shall be accompanied by an accurate translation of its relevant passages into the language indicated in the PITA. This translation will govern and will be used for interpreting the information.

**Lack of Information**

8.6 Failure of an Applicant to provide comprehensive and accurate information that is essential for the Employer's evaluation of the Applicant's qualifications may result in disqualification of the Applicant.

**Material Changes**

8.7 Applicants, and those subsequently prequalified or conditionally prequalified, shall inform the Employer of any

material change in information that might affect their qualification status. Bidders shall be required to update key prequalification information at the time of bidding. Prior to award of contract, the lowest evaluated bidder will be required to confirm its continued qualified status in a postqualification review process.

## 9. Evaluation of Applications

**Confidentiality**

9.1 Information relating to the evaluation of Applications, and recommendation for prequalification, shall not be disclosed to Applicants or any other persons not officially concerned with such process until the notification of prequalification is made to all Applicants.

9.2 From the deadline for submission of Applications to the time of notification of the results of the prequalification in accordance with GITA Clause 10.1, if any Applicant wishes to contact the Employer on any matter related to the prequalification process, it may do so in writing.

**Clarification of Applications**

9.3 To assist in the evaluation of Applications, the Employer may, at its discretion, ask any Applicant for a clarification of its application which shall be submitted within a stated reasonable period of time. Any request for clarification and all clarifications shall be in writing.

9.4 If discrepancies are found in information submitted, the application shall be considered unsatisfactory, and the applicant will not be eligible to bid until all discrepancies have been satisfactorily explained or resolved. Failure by an applicant to respond or provide clarification of any discrepancy within seven (7) days of having received a request to do so shall disqualify the application from further consideration. The GoN/DP will not enter into any correspondence with applicants except to seek clarification when necessary.

## 10. Employer's Notification and Bidding Process

**Invitation for Bids**

10.1 Within the period stated in the PITA from the date for submission of applications, the Employer will notify all Applicants in writing of the results of their application, including eligibility for domestic bidder price preference, in accordance with Clause 6, and of the names of all prequalified and conditionally prequalified applicants (see Sub-Clause 10.2 below).

**Conditional Prequalification**

10.2 An Applicant may be "conditionally prequalified," that is, qualified subject to certain specified nonmaterial deficiencies in the prequalification requirements being met by the Applicant to the

satisfaction of the Employer, before submitting a bid. Upon full compliance with the prequalification requirements, other prequalified applicants will be notified accordingly.

**One Bid per bidder**

10.3 Only firms and joint ventures that have been prequalified under this procedure may submit a bid. A firm shall submit only one bid in the same bidding process, either individually as a bidder or as a partner of a joint venture. No firm can be a subcontractor while submitting a bid individually or as a partner of a joint venture in the same bidding process. A firm, if acting in the capacity of subcontractor in any bid, may participate in more than one bid, but only in that capacity. A bidder who submits, or participates in, more than one bid will cause all the proposals in which the bidder has participated to be disqualified.

**Bid Security**

10.4 Bidders will be required to provide bid security in the form and amount indicated in the bidding documents. The successful bidder will be required to provide performance security in the form and amount indicated in the bidding documents.

**Changes after Prequalification**

10.5 Any change in the structure or formation of an Applicant after being prequalified and invited shall be subject to written approval of the Employer prior to the deadline for submission of bids. Such approval will be denied if as a consequence of any change:

a. an individual firm, or a joint venture as a whole, or any individual member of the JV fails to meet any of the collective or individual qualifying requirements;

b. the new partners to a joint venture were not prequalified in the first instance, either as individual firms or as another joint venture; or

c. in the opinion of the Employer, a substantial reduction in competition may result.

**Employer's Rights**

10.6 The Employer reserves the right to take the following actions, and shall not be liable for any such actions:

a. amend the scope and cost of any contract to be bid under this project, in which event bids will be invited only from those applicants who meet the resulting amended prequalification requirements;

b. reject or accept any prequalification application; and cancel the prequalification process and reject all applications.

# Section III: Particular Instructions to Applicants (PITA)

# Section III: Particular Instructions to Applicants (PITA)

These particular instructions and related Information Forms are intended to complement, amend, or supplement the provisions in the GITA. In the event of conflict or ambiguity, the provisions in the PITA shall prevail over those in the GITA.

| Clause No | |
|---|---|
| 1.1 | **Sources of Funds**<br><br>Delete this Sub-clause entirely and substitute as below:<br><br>As specified in Section I (Invitation for Prequalification). |
| 1.2 | **The Employer**:<br>Rahughat Hydroelectric Project (RGHEP/NEA)<br><br>**Scope of Work**<br><br>As specified in Section I (Invitation for Prequalification). |
| 1.3 | **Slice and Package**<br><br>This Sub-clause is '**Not Applicable'**. |
| 1.4 | **Bid Invitation**<br><br>Expected date of Invitation for Bids: 60 days after dead line for submission of Prequalification Documents. |
| 1.5 | **Type of Contract**<br><br>The construction of the Project will be in a traditional separate contract package model under the Client's co-ordination. All Hydro-mechanical works for the project shall be carried out in one contract.<br><br>**Bidding Documents**: The Type of Standard Bidding Document to be applied for Lot 2 will be FIDIC Conditions of Contracts for Plant and Design-Build, yellow book, (First Edition, 1999)<br><br>**Method of payment**:<br>Unit Rate / Lump Sum progress payments related to achieved milestones with price regulation in accordance with agreed indices.<br><br>Time for completion: 36 months months after Notice to Commence. |
| 1.6 | **Site Information:**<br><br>See Annex-1 to the PITA for the referenced contract. |

| | |
|---|---|
| 3.1 | **Eligible Countries**<br><br>The Applicant shall meet the **Primary Eligibility, Legal Eligibility** and **Qualification Criteria** specified in Section I (Invitation for Prequalification).<br><br>Local agent:<br>Bidder shall declare a local agent, if any, and accordingly shall submit document as per information Form 8 (IF 8) |
| 3.3 | **Eligible Bidders**<br><br>As specified in Section I (Invitation for Prequalification).<br><br>Any bidder black listed by the donor agency or the Employer shall not be an eligible bidder. If any partner(s) of joint venture has been black listed by the donor agency or the Employer, then the JV shall not be considered as an eligible bidder. |
| 4.1 | **General**<br><br>Prequalification will be carried out, based on provisions of this PQ Document including but not limited to specifically the following;<br>a. Eligibility & qualification requirements specified in Section I (Invitation for Prequalification).<br>b. Section VI Evaluation System. |
| 4.2 | **Nominated Subcontracting**<br><br>This Sub-clause is "**Not Applicable**" |
| 4.3, 4.4 | **Subcontracting by Applicant**:<br><br>Provide information if 10 percent or more value of Contract is planned to be subcontracted. |
| 4.7 | **General Manufacturing/Construction Experience**<br><br>Delete Sub-clause 4.7(a) and (b) and substitute as below:<br><br>The Applicant shall provide evidence that they meet the qualification requirements specified in Section I (Invitation for Prequalification). |
| 4.8 | **Particular Construction Experience**<br><br>Delete the words: “management contractor” and “or subcontractor”<br><br>The Applicant shall provide evidence that it meets the qualification requirements specified in Section I (Invitation for Prequalification). |
| 4.9 | **Financial Capabilities**<br><br>The Applicant shall provide evidence that it meets the qualification requirements specified in Section I (Invitation for Prequalification). |

| | |
|---|---|
| 4.11 | **Audited Balance Sheets**<br><br>Period required: last 3 years up to 2011<br>Add the following after the paragraph:<br>In case, the balance sheet and loss & profit account of the Applicants are in a language other than English then the Applicant shall submit its English translation duly authenticated by notary agencies or by nationally/internationally recognized translating body/agency (ies). |
| 4.12 | **Personnel Capabilities**<br><br>The Applicant shall provide details of the proposed personnel and their experience records in the relevant Information Form 6B. |
| 4.13 | **Equipment Capabilities**<br><br>This Sub-clause is '**Not Applicable**'. |
| 4.15 | **Slice and Package**<br><br>This Sub-clause is '**Not Applicable**'. |
| 5.2 | **Qualification Criteria**<br><br>In addition to the criteria stated in the GITA each partner must satisfy the following criteria individually:<br><br>The Applicant shall provide evidence that they meet the **Primary Eligibility, Legal Eligibility** and **Qualification Criteria** specified in Section I (Invitation for Prequalification) and requirements of Section VI (Evaluation System). |
| 5.4 | **Partner Limitation**<br><br>As specified in Section I (Invitation for Prequalification). |
| 5.6 | **Joint Venture Agreement**<br>Add the following after the paragraph:<br>The joint venture agreement of the bidder must be notarized by public notary. If a JV is selected for award of contract, it must be registered for Permanent Account Number (PAN) and Value Added Tax (VAT) in Inland Revenue Office of Nepal. |
| | **Domestic Bidder Price Preference** |
| 6.2 | Sub-clause 6.2 is **"Not Applicable"**. |
| 6.3 | Sub-clause 6.3 is **"Not Applicable"**. |
| 7.1 | **Requests for Clarification**<br><br>Address shall be as specified in Section I (Invitation for Prequalification). |

| | |
|---|---|
| 8.1 | **Submission of Applications**<br>Add the following after the paragraph:<br>The prequalification applications shall be submitted as specified in Section I (Invitation for Prequalification). If the envelope is not sealed and marked as required, the Employer will assume no responsibility for the misplacement of the application.<br><br>**Address for the Submission of Applications:** Address shall be as specified in Section I (Invitation for Prequalification).<br><br>**Date for Submission**: As specified in Section I (Invitation for Prequalification).<br><br>**Envelope Marking**: "Application to Prequalify as Contractor for Lot 2 Hydro-mechanical Works for Rahughat Hydroelectric Project, Contract Reference No. RHEP/NEA-2068/069(01)"<br><br>Consultation meeting: A consultation meeting with all prospective prequalification applicants will be held on 8th August 2012 at 13:00 hours at the Project Office, Bhaktapur. |
| 8.3 | **Late Applications:**<br><br>Documents, which are received after the set deadline, will not be considered and will be returned unopened. If the Prequalification applications are sent by mail, RGHEP/NEA will not be responsible for not receiving the documents until the above-mentioned date and time regardless of the reasons for the delay or loss of the mail. |
| 8.4 | Time and Date of Prequalification Applications Opening shall be as specified in Section I (Invitation for Prequalification).<br><br>Place of Opening:- Project Office, Bhaktapur |
| 8.5 | **Language:**<br><br>English |
| 10.1 | **Employer's Notification**<br><br>Time period from submission of applications: ≈ 60 days |

**Site Information Annex**

Pursuant to GITA 1.6, attached hereto is general information and site data relating to the subject contract.

Annex - 1: General and Specific Information of Rahughat Hydroelectric Project.

# Section IV. Letter of Application

# Letter of Application

Date:

Project Director
Rahughat Hydropower Project
Generation Construction
Nepal Electricity Authority
Kharipati, Bhaktapur (Kathmandu)
Tel. No.: 977-1- 66 10 646
**URL**:www.nea.org.np

1. Being duly authorised to represent and act on behalf of _____ (hereinafter referred to as "the Applicant"), and having reviewed and fully understood all of the prequalification requirements and information provided, the undersigned hereby applies for prequalification to bid on the contract indicated below:

| Contract Reference | Contract Title |
|---|---|
| RHEP/NEA-2068/069(01) | Hydro-mechanical Works of Rahughat Hydroelectric Project (32 MW) |

2. Attached to this letter are copies of original documents defining:
   (a) the Applicant's legal status;
   (b) the principal place of business; and
   (c) the place of incorporation (for corporations), or place of registration and the nationality of the owners (for Applicants that are partnerships or individually owned firms).
3. Your Agency and its authorised representatives are hereby authorised to conduct any inquiries or investigations to verify the statements, documents, and information submitted in connection with this application, and to seek clarification from our Financing Agencies and Clients regarding any financial and technical aspects. This Letter of Application will also serve as authorisation to any individual or authorised representative of any institution referred to in the supporting information to provide such information deemed necessary and as requested by yourselves to verify statements and information provided in this application, such as the resources, experience, and competence of the Applicant.
4. Your Agency and its authorised representatives may contact the following persons for further information:

| General and managerial inquiries | |
|---|---|
| Contact 1 | Address and communication facilities |
| Contact 2 | Address and communication facilities |

| Personnel inquiries | |
|---|---|
| Contact 1 | Address and communication facilities |
| Contact 2 | Address and communication facilities |

| Technical inquiries | |
|---|---|
| Contact 1 | Address and communication facilities |
| Contact 2 | Address and communication facilities |

| Financial inquiries | |
|---|---|
| Contact 1 | Address and communication facilities |
| Contact 2 | Address and communication facilities |

5. This application is made with the full understanding that:
   (a) bids by prequalified Applicants will be subject to verification of all information submitted for prequalification at the time of bidding;
   (b) you reserve the right to:
      - amend the scope and value of any contracts to be bid under this project; in which event, bids will be invited only from those Applicants who meet the resulting amended prequalification requirements; and
      - reject or accept any application, cancel the prequalification process, or reject all applications.
   (c) your Agency shall not be liable for any such actions under 5 (b) above.
6. Appended to this application, we give details of the participation of each party, including capital contribution and profit/loss agreements, in the joint venture or association. We also specify the financial commitment in terms of the percentage of the value of the <each> contract, and the responsibilities for execution of the <each> contract.
7. We confirm that if we bid, that bid, as well as any resulting contract, will be:
   (a) signed so as to legally bind all partners, jointly and severally; and
   (b) submitted with a joint venture agreement, notarized by public notary, providing the joint and several liability of all partners in the event the contract is awarded to us.
8. The undersigned declare that the statements made and the information provided in the duly completed application are complete, true, and correct in every detail.

| Signed<br><br>Name | Signed<br><br>Name |
|---|---|
| For and on behalf of (name of Applicant or lead partner of a joint venture) | For and on behalf of (name of partner) |

| Signed<br><br>Name |
|---|
| For and on behalf of (name of partner) |

# Section V: Information Forms

# Section V: Information Forms

(Reference Sub-Clause 4.1 of the GITA)

1. The following eight Information Forms are to be filled out by the Applicant for Prequalification:

| | |
|---|---|
| Information Form 1 (IF 1) | : General Information |
| Information Form 2 (IF 2) | : General Design and Manufacture, Erection and Commissioning Experience Record |
| Information Form 2A (IF 2A) | : Joint Venture Summary |
| Information Form 3, 3A (IF 3, 3A) | : Particular Design and Manufacture Experience Record |
| Information Form 4 (IF 4) | : Summary Sheet: Current Contract Commitments / Works in Progress |
| Information Form 5 (IF 5) | : Financial Capabilities |
| Information Form 6A (IF 6A) | : Site Management |
| Information Form 6B (IF 6B) | : Personnel Capabilities |
| Information Form 6C (IF 6C) | : Sub-contractors |
| Information Form 7 (IF 7) | : Litigation History |
| Information Form 8 (IF 8) | : Declaration of Local Agent |

2. If necessary, additional sheets may be added to the forms.

3. Some of the forms will require attachments. Such attachments should be clearly marked as follows: Attachment (i) to Information Form 1, Attachment (ii) to Information Form 1, etc.

4. RGHEP/NEA may request all the Applicants to provide electronic copies (soft copies) of all the information forms and attachments submitted with the Prequalification Applications for evaluation purpose only.

5. The financial amount of construction works of previous years that have been executed within Nepal by the Domestic Contractors will be brought to the current value after deducting the VAT amount using annual inflation rate (National Urban Consumer Price Index; Overall Index) published by Nepal Rastra Bank.

INFORMATION FORM 1 (IF 1) PAGE ___OF___ PAGES

**General Information**

All individual firms and each partner of a joint venture applying for prequalification are required to complete the information in this form. Nationality information should be provided for all owners or Applicants that are partnerships or individually owned firms.

If the Applicant intends to use named subcontractors for specialised components of the Works (reference Sub-Clause 4.4 of the GITA), the following information should also be supplied for the subcontractor(s), together with the information in Forms 2, 3, 3A, 4, and 5.

| | | |
|---|---|---|
| 1. | Name of firm | |
| 2. | Head office address | |
| 3. | Telephone | Contact |
| 4. | Fax | Email |
| 5. | Place of incorporation / registration | Year of incorporation / registration |

| Nationality of owners[1] | | |
|---|---|---|
| Name | | Nationality |
| 1. | | |
| 2. | | |
| 3. | | |
| 4. | | |
| 5. | | |

1. To be completed by all owners of partnerships or individually owned firms.

INFORMATION FORM 2 (IF 2) PAGE ___ OF __ PAGES

**General Construction (Design, Manufacture, Delivery, Erection) Experience Record**
(ref. GITA Sub-Clause 4.7)

| Name of Applicant or partner of a joint venture |
|---|
| |

All individual firms and all partners of a joint venture are required to complete the information in this form with regard to Hydro-mechanical Works Contracts in general. The information supplied should be the annual turnover of the Applicant (or each member of a joint venture), in terms of the amounts billed to clients for each year for work in progress or completed, in USD converted at the rate of exchange at the end of the period reported. The annual periods should be calendar years, with partial accounting for the year up to the date of submission of applications.

A brief note on each contract should be appended, describing main features of the work, duration and amount of contract, managerial arrangements, employer, and other relevant details.

Use a separate sheet for each partner of a joint venture.

Applicants should not enclose testimonials, certificates, and publicity material with their applications; they will not be taken into account in the evaluation of qualifications.

| Annual Turnover Data | | |
|---|---|---|
| Year | Turnover | US$ |
| 1. | | |
| 2. | | |
| 3. | | |
| 4. | | |
| 5. | | |
| 6. | | |
| 7. | | |
| 8. | | |
| 9. | | |
| 10. | | |

INFORMATION FORM 2A (IF 2A) PAGE __ OF __ PAGES

**Joint Venture Summary**

| Names of the partners of a joint venture |
|---|
| 1. Partner in charge |
| 2. Partner |
| 3. Partner |

Total value of annual manufacture/ construction contract turnover, in terms of work billed to clients, in US$ equivalent, converted at the rate of exchange at the end of the period reported:

| Annual turnover data (design, manufacture, erection, commissioning) : US$ | | | | |
|---|---|---|---|---|
| Year | 1.Partner in charge | 2. Partner | 3. Partner | Total |
| 1. | | | | |
| 2. | | | | |
| 3. | | | | |
| 4. | | | | |
| 5. | | | | |
| 6. | | | | |
| 7. | | | | |
| 8. | | | | |
| 9. | | | | |
| 10. | | | | |

FORM 3A (IF 3) PAGE __ OF __ PAGES

**Particular Construction (Design, Manufacture, Delivery, Erection) Experience Record**
(ref. GITA Sub-Clauses 4.4 and 4.8a)

| Name of Applicant or partner of a joint venture or named subcontractor |
|---|
| |

The Information Form 3A, Experience Record, shall be provided. Applicants may reproduce the forms on larger sheets of paper if necessary to provide space for the requested information.
The experience record is divided into General Experience and Specific Experience. All projects referenced in the Specific Experience tables must be identified, described and assigned a sequential reference number in the General Experience tables even if they do not satisfy the monetary value criteria for the General tables.
Sequential reference numbers should be used to cross-reference specific experience to the projects listed in the General Experience tables.
The following guidelines should be followed in completing IF 3A, General Experience Record.

**Column 1. Sequence Number**
Enter in the first column of IF3A, page 2 of 5, sequential reference numbers for each project. These numbers should be used as cross-reference numbers to projects shown in the specific experience tables and should also be shown prominently on all client reference documents, project data sheets and other attachments relevant to the project.

**Column 2. Project Name**
Enter the commonly used name for the project.

**Column 3. Owners Name**
Enter the name of the organization or agency for whom the contract was performed.

**Column 4. Country**
Enter the name of the country in which the equipment has been installed.

**Columns 5. Description of Work**
Enter a condensed description of the project.
For each project used as a reference in the Specific Experience tables include as a separate attachment a project data sheet describing the principle features of the project including the information listed below (as applicable). If the Applicant was a subcontractor or joint venture partner indicate on the data sheet the scope of work for which the Applicant was responsible. Use Sequence numbers to cross-reference data sheets to projects listed in IF 3A.

Project Information on hydropower development:

Name of project:
Location: (Province, Country)
Type: Reservoir/ Run-of- River development; Underground / Surface;
Gross head: (m)
Capacity : (MW)
Type and No. of Units
Design flow generation
Design flood

Gates:

Radial gates
Wheel gates
Sliding gates

Trash racks and Trash rack cleaners

Emergency Closing Wheel Gate

Penstocks:

Steel linings embedded in tunnels
Steel bifurcation pipes

**Column 6.Contract Value Total**

Enter the total value of the contract in equivalent US$.

**Column 7.Contract Value Applicant Share**

If the Applicant was a subcontractor, or a partner in a joint venture, enter the value of the work for which the Applicant was directly responsible. Enter the value in equivalent US$.

**Column 8 and 9. Contract Period**

Enter the dates of contract award and substantial completion.

**Column 10. Special Site Conditions**

Enter appropriate codes from the following table, which describe special conditions encountered on the reference project:

A. Remote project site with undeveloped communications
B. Project site subject to heavy seasonal rainfall
C. Long supply lines requiring ocean transport, port clearances, long rail and road haulage for all major shipments
D. Extensive training and employment of local labour force.

Information concerning special site conditions should be included in the relevant project data sheet (Refer Columns 5 and 6 above).

**Column 11. Client Reference**

For all projects referenced in the Specific Experience tables provide, as a separate attachment, a client reference confirming satisfactory completion.

Client references should:

(a) be written in English on the letterhead of the client organization. If the references are in other languages, it shall be accompanied by an accurate translation of its relevant passages into the English language duly authenticated by notary agencies or the nationally/internationally recognized translating body/agency (ies).

(b) include the name, title and signature of the individual providing the reference, and

(c) include the address and telephone number of the client organization.

In the event the project Owner and the Client are different parties, include a statement establishing the authority of the Client to provide a reference.

Use Sequential reference numbers to cross-reference client references to projects.

INFORMATION FORM 3A (IF 3A) PAGE __ OF __ PAGES

## 1. YEARS OF EXPERIENCE

Total number of years' experience of design, manufacture, delivery and erection/ installation of Hydro-mechanical works of the type indicated below:

| TYPE OF EQUIPMENT | NUMBER OF YEARS OF EXPERIENCE |
|---|---|
| (a) Radial gates | |
| (b) Wheel gates | |
| (c) Sliding gates | |
| (d) Trash racks and trash rack cleaners | |
| (e) Steel linings for embedment in vertical/inclined shafts | |
| (f) Steel bifurcations for embedment | |
| (g) Emergency closing wheel gate | |

INFORMATION FORM 3A (IF 3A) PAGE __ OF __ PAGES

## 2. GENERAL EXPERIENCE – HYDRO-MECHANICAL WORKS

List all Contracts comprising Hydro-mechanical works other than Hydro-electric projects executed during the last ten (10) years:

| SEQ. REF. NO. (1) | PROJECT NAME (2) | OWNER NAME (3) | COUNTRY (4) | TYPE OF DEVELOPMENT (5) | CONTRACT VALUE (USD MILLION) | | CONTRACT PERIOD | | SPECIAL SITE CONDITIONS (10) | REF. ATTACHED (11) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | TOTAL (6) | APPLICANT SHARE (7) | START (8) | COMPLETE (9) | | |
| | | | | | | | | | | |

INFORMATION FORM 3A (IF 3A) PAGE __ OF __ PAGES

## 3. SPECIFIC EXPERIENCE – RADIAL GATES

List all Radial Gates ((≥60 $m^2$) manufactured delivered by the Applicant during the last ten (10) years:

| REF. NO. | PROJECT NAME | IS A REFERENCE ATTACHED (J/N) | DESCRIPTION OF GATE | | | | | PERIOD FROM NOTICE TO PROCEED TO COMPLETION (MONTHS) | CONTRACT VALUE (USD MILLION) | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | NUMBER OF GATES (Nos) | SIZE (WxH) (M) | DESIGN PRESSURE AT SILL (M) | HOIST (J/N) | OTHER INFO | | TOTAL | APPLICANT SHARE |
| | | | | | | | | | | |

## 4. SPECIFIC EXPERIENCE – WHEEL GATES

List all Wheel Gates (≥12 $m^2$) manufactured delivered by the Applicant during the last ten (10) years:

| REF. NO. | PROJECT NAME | IS A REFERENCE ATTACHED (J/N) | DESCRIPTION OF GATE | | | | | PERIOD FROM NOTICE TO PROCEED TO COMPLETION (MONTHS) | CONTRACT VALUE (USD MILLION) | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | NUMBER OF GATES (Nos) | SIZE (WxH) (M) | DESIGN PRESSURE AT SILL (M) | HOIST (J/N) | OTHER INFO | | TOTAL | APPLICANT SHARE |
| | | | | | | | | | | |

INFORMATION FORM 3A (IF 3A) PAGE __ OF __ PAGES

## 5. SPECIFIC EXPERIENCE – SLIDINING GATES

List all Sliding Gates ((≥12 $m^2$) manufactured delivered by the Applicant during the last ten (10) years:

| REF. NO. | PROJECT NAME | IS A REFERENCE ATTACHED (J/N) | DESCRIPTION OF GATE | | | | | PERIOD FROM NOTICE TO PROCEED TO COMPLETION (MONTHS) | CONTRACT VALUE (USD MILLION) | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | NUMBER OF GATES (Nos) | SIZE (WxH) (M) | DESIGN PRESSURE AT SILL (M) | HOIST (J/N) | OTHER INFO | | TOTAL | APPLICANT SHARE |
| | | | | | | | | | | |

## 6. SPECIFIC EXPERIENCE – TRASH RACKS

List all Trash Racks (≥15 $m^2$) manufactured delivered by the Applicant during the last ten (10) years:

| REF. NO. | PROJECT NAME | IS A REFERENCE ATTACHED (J/N) | DESCRIPTION OF TRASHRACK | | | | | PERIOD FROM NOTICE TO PROCEED TO COMPLETION (MONTHS) | CONTRACT VALUE (USD MILLION) | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | NUMBER OF TRASHRACKS (Nos) | SIZE (WxH) (M) | DESIGN PRESSURE AT SILL (M) | OTHER INFO | | TOTAL | APPLICANT SHARE |
| | | | | | | | | | | |

## 7. SPECIFIC EXPERIENCE – STEEL LININGS

List all Steel Linings with diameter ≥2.0 m manufactured and installed by the Applicant in vertical shafts during the last ten (10) years:

| REF. NO. | PROJECT NAME | IS A REFERENCE ATTACHED (J/N) | DESCRIPTION OF STEEL LININGS | | | | | PERIOD FROM NOTICE TO PROCEED TO COMPLETION (MONTHS) | CONTRACT VALUE (USD MILLION) | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | LENGTH OF LININGS (M)) | INTERNAL DIAMETER OF LINING (M) | DESIGN PRESSURE AT BOTTOM (M) | OTHER INFO | | TOTAL | APPLICANT SHARE |
| | | | | | | | | | | |

## 8. SPECIFIC EXPERIENCE – STEEL BIFURCATION PIPES

List all Steel Bifurcation Pipes with Inlet diameter ≥2.0 m manufactured and installed by the Applicant for embedment during the last ten (10) years:

| REF. NO. | PROJECT NAME | IS A REFERENCE ATTACHED (J/N) | DESCRIPTION OF GATE | | | | | PERIOD FROM NOTICE TO PROCEED TO COMPLETION (MONTHS) | CONTRACT VALUE (USD MILLION) | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | LENGTH OF PIPE (M) | INTERNAL DIAMETER INLET END (M) | NUMBER OF BIFURCATION (M) | DESIGN PRESSURE (M) | OTHER INFO | | TOTAL | APPLICANT SHARE |
| | | | | | | | | | | |

## 9. SPECIFIC EXPERIENCE – EMERGENCY CLOSING WHEEL GATE

List all Emergency Closing Wheel Gate ≥7 $m^2$ manufactured and installed by the Applicant during the last ten (10) years:

| REF. NO. | PROJECT NAME | IS A REFERENCE ATTACHED (J/N) | DESCRIPTION OF GATE | | | | | PERIOD FROM NOTICE TO PROCEED TO COMPLETION (MONTHS) | CONTRACT VALUE (USD MILLION) | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | NUMBER OF GATES (Nos) | SIZE (WxH) (M) | DESIGN PRESSURE AT SILL (M) | HOIST (J/N) | OTHER INFO | | TOTAL | APPLICANT SHARE |
| | | | | | | | | | | |

## 10. SPECIFIC EXPERIENCE – TRASH RACK CLEANER

List all Trash rack Cleaner installed by the Applicant during the last ten (10) years:

| REF. NO. | PROJECT NAME | IS A REFERENCE ATTACHED (J/N) | DESCRIPTION OF TRASH RACK CLEANER | | | | | PERIOD FROM NOTICE TO PROCEED TO COMPLETION (MONTHS) | CONTRACT VALUE (USD MILLION) | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | TYPE AND CAPACITY OF CLEANER | NUMBER OF TRASH RACK CLEANER | DESIGN PRESSURE (M) | OPERATING SYSTEM | OTHER INFO | | TOTAL | APPLICANT SHARE |
| | | | | | | | | | | |

INFORMATION FORM 4 (IF 4) PAGE __ OF __ PAGES

**Summary Sheet: Current Contract Commitments / Works in Progress**

| Name of Applicant or partner of a joint venture |
|---|
| |

Applicants and each partner to an application should provide information on their current commitments on all contracts that have been awarded, or for which a letter of intent or acceptance has been received, or for contracts approaching completion, but for which an unqualified, full completion certificate has yet to be issued.

| Name of contract | Employer, contact address/tel/fax /e-mail | Value of outstanding work ( US$ equival.) | Estimated completion date | Average monthly invoicing over last six months (US$ equival per month) |
|---|---|---|---|---|
| 1. | | | | |
| 2. | | | | |
| 3. | | | | |
| 4. | | | | |
| 5. | | | | |
| etc. | | | | |

In accordance with GITA Sub-Clause 4.10, the Applicant shall provide evidence (in a similar manner to the requirements of Sub-Clause 4.9) to substantiate the adequacy of the sources of finance to meet the Applicant's cash flow requirements on the above contracts.

INFORMATION FORM 5 (IF 5) PAGE __ OF __ PAGES

**Financial Capabilities**

| Name of Applicant or partner of a joint venture |
|---|
| |

Applicants, including each partner of a joint venture, shall provide financial information to demonstrate that they meet the requirements stated in the PITA. Each Applicant or partner of a joint venture shall complete this form. If necessary, separate sheets shall be used to provide complete banker information. A copy of the audited balance sheets shall be attached.

Autonomous construction subdivisions of parent conglomerate businesses shall submit financial information related only to the particular activities of the subdivision.

| | | |
|---|---|---|
| Banker | Name of Banker | |
| | Address of Banker | |
| | Telephone | Contact name and title |
| | Fax | Email |

Summarise actual assets and liabilities in US$ equivalent (at the rates of exchange current at the end of each year) for the previous five calendar years, or such period as stated in PITA 4.11. Based upon known commitments, summarise projected assets and liabilities in US$ equivalent for the next two calendar years, unless the withholding of such information by stock market listed public companies can be substantiated by the Applicant.

| Financial information (USD) | Actual: Previous five years | | | | | Projected: Next two years | |
|---|---|---|---|---|---|---|---|
| | 5 | 4 | 3 | 2 | 1 | 1 | 2 |
| 1.Total assets | | | | | | | |
| 2.Current assets | | | | | | | |
| 3.Total liabilities | | | | | | | |
| 4.Current liabilities | | | | | | | |
| 5.Profits before taxes | | | | | | | |
| 6.Profits after taxes | | | | | | | |

Specify proposed sources of financing, such as liquid assets, unencumbered real assets, lines of credit, and other financial means, net of current commitments, available to meet the total construction cash flow demands of the subject contract or contracts as indicated in PITA 4.9.

| Source of financing | Amount US$ |
|---|---|
| 1. | |
| 2. | |
| 3. | |
| 4. | |

Attach audited financial statements—including, as a minimum, profit and loss account, balance sheet, and explanatory notes—for the period stated in PITA 4.11 (for the individual Applicant or each partner of a joint venture).

If audits are not required by the laws of Applicant's countries of origin, partnerships and firms owned by individuals may submit their balance sheets certified by a registered accountant, and supported by copies of tax returns.

INFORMATION FORM 6A (IF 6A) PAGE __ OF __ PAGES

**Site Management**

| Name of Applicant |
|---|
| |

## 1. PROPOSED SITE ORGANIZATION

A. PRELIMINARY SITE ORGANIZATION CHART

B. NARRATIVE DESCRIPTION OF SITE ORGANIZATION CHART

C. DESCRIPTION OF RELATIONSHIP BETWEEN HEAD OFFICE AND SITE MANAGEMENT[1]

[1] *Indicate clearly which responsibility and what authority will be delegated to site management.*

INFORMATION FORM 6B (IF 6B) PAGE __ OF __ PAGES

**Personnel Capabilities: Site staff proposed for execution of the works**
(ref. PITA 4.12)

| Name of Applicant or partner of a joint venture |
|---|
| |

For specific positions essential to contract implementation, Applicants should provide the names of at least two candidates qualified to meet the specified requirements stated for each position.

| Sector | Name(s) | Age | Years of Exp. | Education | Relevant Experience |
|---|---|---|---|---|---|
| Administrative Manager | | | | | |
| Technical Manager | | | | | |
| Chief Site Supervisor Gates | | | | | |
| Chief Site Supervisor Penstock | | | | | |
| Others | | | | | |

NOTE: A summary of the professional experience of each key staff member over the last twenty years, in reverse chronological order, shall be attached. Indicate particular technical and managerial experience relevant to the project.

INFORMATION FORM 6C (IF 6C) PAGE __ OF __ PAGES

**PROPOSED MANUFACTURERS / SUBCONTRACTORS**

| Section of Work to be undertaken | Name(s) & Address(es) of Subcontractor(s) or Make & Origin of Offered Equipment | Description & Location of Similar Works Previously Executed |
|---|---|---|
| 1. Gates Manufacturing | | |
| 2. Penstock Manufacturing | | |
| 3. | | |
| 4. | | |
| 5. | | |
| 6. | | |

**Note:** Indicate in the above Form even if the applicant itself is the **"Proposed Manufacturer".**

INFORMATION FORM 7 (IF 7) PAGE __ OF __ PAGES

**Litigation History**

| Name of Applicant or partner of a joint venture |
|---|
| |

Applicants, including each of the partners of a joint venture, shall provide information on any history of litigation or arbitration resulting from contracts executed in the last five years or currently under execution (ref. GITA Sub-Clause 4.14). A separate sheet should be used for each partner of a joint venture.

| Year | Award FOR or AGAINST Applicant | Name of client, cause of litigation, and matter in dispute | Disputed amount (current value, US$ equivalent) |
|---|---|---|---|
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INFORMATION FORM 8 (IF 8) PAGE __ OF __ PAGES

**Declaration of Local Agent**

| Name of Applicant or partner of a joint venture |
|---|
| |

Declaration of local agent, if the Applicant appoints a local agent:

.....

Name and address of local agent:

.....

Amount of commission, currency of payment and method of payment:

.....

Other condition of agreement:

.....

Signed by:
---

.....
(Place and Date) (Name in Print and signature of Applicant)
---
(Title)

# Section VI: Evaluation System

# Section VI: Evaluation System

## EVALUATION OF APPLICATIONS FOR PREQUALIFICATION

### A. GENERAL

#### 1. Introduction

The scoring system shown below is based on the Information Forms included with the Prequalification Documents that are to be completed by applicants.

#### 2. Screening of Documents and Minimum Qualification

Documents will be screened to determine their responsiveness and the eligibility of the applicant.

Applicants may be excluded if they:

- do not sign and seal their Prequalification Bid Proposal;
- do not submit Power of Attorney and Legal Registration Certificate;
- do not submit Joint Venture Agreement (if applicable)
- do not comply with the eligibility criteria set out in Notice of Prequalification;
- do not completely fill up all required forms contained in the Prequalification Documents;
- do not provide sufficient financial and technical data/evidence;

#### 3. Eligibility & Qualification (Pass/Fail Threshold Criteria):

Applicants meeting the following **Eligibility & Qualification Criteria** shall be determined Prequalified whereas Applicants failing to meet all such requirement shall be determined Disqualified.

**"As specified in Section I (Invitation for Prequalification)"**

#### 4. Weighting and Minimum Scores

The Applications shall be evaluated based on the above-specified Pass/Fail criteria & qualification. Hence, no further evaluation process shall be conducted for determination of Qualification.

# ANNEX -1

## General and Specific Information of the Project

## 1. Project Information:

Rahughat Hydroelectric Project (32MW) is located in Galeshwor, near district headquarter Beni of Myagdi district in Dhaulagiri zone of western Nepal. The Project envisages generating hydropower from the Rahuganga river in Myagdi district. The semi-surface powerhouse is located on the Beni-Jomsom road, at the right bank of the Kali Gandaki river just upstream of the confluence with Rahuganga river. The external dimensions of the powerhouse are 52.60 m long, 16.70 m wide and 11.80 m high from the ground level at 876.40m. It will accommodate two vertical axis Pelton units with a turbine rating of 16.5 MW coupled to a 19 MVA generator.

The surface switchyard will be towards the west of the powerhouse building. A double circuit 132 kV transmission line is proposed to evacuate the power from Rahughat to Modi Khola substation. The proposed alignment is approximately 28 km.

## 2. Salient Features:

| | |
|---|---|
| • Capacity | 32MW |
| • District | Myagdi |
| • Design flow | 13.0 $m^3/s$ |
| • Maximum height of Weir above foundation | 27.0 m |
| • Crest Length of Weir | 21.0 m |
| • Capacity of Weir (1 in 1000 Yr Flood) | 688.0 $m^3/s$ |
| • Number of Desanding Bays | 2.0 |
| • Size of Desanding Bays (L x W x D per bay) | 80.0 x 8.0 x 5.2 m |
| • Head Race Tunnel Length | 6,151.0 m |
| • Internal diameter-Shotcrete lined/ Concrete lined | 3.50 / 2.90 m |
| • Shape of Head Race Tunnel | Modified Horse shoe |
| • Lining thickness | 300.0 mm |
| • Surge Tank Diameter (Circular) | 10.0 m |
| • Surge Tank Height | 47.0 m |
| • Gross Head | 295.5 m |
| • Rated net head | 284.3 m |
| • Vertical Shaft, 4-Nozzle, Pelton Turbine | 2 x 16.5 MW |
| • Generator rated capacity | 2 x 19 MVA |
| • Total Sellable Generation | 188 GWH |