



GREEN VENTURES (PVT) LIMITED, NEPAL

INVITATION FOR BID - FOR CIVIL WORKS INTERNATIONAL COMPETITIVE BIDDING

NAME OF PROJECT: LIKHU IV HYDROELECTRIC PROJECT (3 X 40 MW)

Green Ventures (Pvt.) Ltd. Nepal (GVN) (Joint Venture of Bhilwara Energy Limited, India and Triveni Energy (Pvt) Ltd, Nepal) is likely to be given Generation License by Government of Nepal for setting up of Likhu IV Hydroelectric Project in Okhaldunga and Ramechhap districts, Nepal on Build, Own, Operate and Transfer (BOOT) basis. GVN invites sealed bids from eligible local and foreign contractors for the construction of Civil works for the project, under Package 1 and 2.

Contract Package No. 1: LIKHU/GVN/Pkg-01/2011

The works under this package comprise civil works for Dam, Intake, Intake Tunnels, Desilting Chambers, Adits, Gate Operation Chambers, Silt Flushing Tunnel, Temporary River Diversion Works, Upstream portion of Headrace Tunnel, related Hydro-mechanical Works, Road maintenance, etc.

Contract Package No. 2: LIKHU/GVN/Pkg-02/2011

The works under this package comprise civil works for Downstream Headrace Tunnel, Surge Shaft, Valve House, Pressure Shaft, Penstock, Powerhouse, Tailrace, Switchyard Civil Works, Ground Mat, related Hydro-mechanical Works, Road maintenance, etc. Bidders may obtain further information at the following office of GVN, who shall also assist in arranging Site visit for them: The Project Development Manager

Green Ventures (Pvt.) Ltd. ,Triveni Complex, Putalisadak, Kathmandu, Nepal

Tel.: +977-01-4228623/ 4242317

Fax.: +977-1-4240127, e-mail :gvn@trivenionline.com

Bid Documents

Bidders may obtain the **Bid Documents** from GVN office on submission of formal request along with the specified fee between September 20, 2011 and October 21, 2011. The request must clearly state "Request for Bid Invitation Document for Package-1 and/or Package 2 for Likhu IV Hydroelectric Project". The documents shall be available for a non-refundable fee of NRs 16,000 or IRs 10,000 (or US\$ 220) for each Package. The non-refundable fee is to be paid in the form of a Demand Draft in favour of "GREEN VENTURES PRIVATE LIMITED" payable in Nepal or bank deposit voucher of deposited amount in GVN Current Account No. 01201020015066-4528100 in Nepal Investment Bank, Putalisadak, Kathmandu. The Bidder may collect the documents in person or through an authorised agent on all working days during this period between 10:00 Hrs. to 17:00 Hrs from GVN office.

Interested Bidders who meet the Technical and Financial qualification criteria as mentioned in the Instructions to Bidders, may submit Bids for any one or both of the Packages. The detailed Technical & Financial qualification criteria for Bidders and the Instructions to Bidders shall be uploaded on our website www.bhilwaraenergy.com/Tenders on 13th Sept'2011.

Technical Qualification Criteria: The Bidder shall provide evidence demonstrating experience of executing the following components in ongoing/completed project(s) in the last 10 years:

Package 1:

- (i) Excavation of tunnel of minimum 4m excavated diameter of 1.0 Km Length from one tunneling face with an average progress of 80m per month and Concrete lining of minimum 1000m length in six months (continuous) from one tunneling face in a tunnel of minimum 4.0m finished dia.
- (ii) Construction of an underground Desilting Chamber having a minimum excavated width of 10 m. OR Construction of an underground Cavern having a minimum size of 14 m width x 16 m height x 50 m length
- (iii) Construction of a concrete gravity dam having minimum height above deepest foundation level of 40 m with average monthly rate of concreting in a period of six continuous months of not less than 7,500 cum per month and Excavation in overburden and rock for concrete gravity dam with average monthly excavated rate of 25,000 cum over a continuous period of six months.
- (iv) Hydro-mechanical Works: The Bidder or its JV Partner or an Associate or a Sub-contractor shall have experience in Fabrication and erection of hydraulic gates and hoists for Water Resources Projects having clear waterway of minimum 6m width and 6m in height.

Package 2:

- (i) Excavation of tunnel of minimum 4m excavated diameter of 1.0 Km Length from one tunneling face with an average progress of 80m per month and Concrete lining of minimum 1000m length in six months (continuous) from one tunneling face in a tunnel of minimum 4.0m finished dia.
- (ii) Construction of a surface Power House and Concreting in Power House with peak progress of 2500 cum per month more than once;
- (ii) Construction of an underground shaft with minimum excavated diameter of 10 m and height of 30 m and Construction of an underground pressure shaft (inclined or vertical) with minimum excavated diameter of 3 m and height of 50 m.
- (iv) The Bidder or its JV Partner or an Associate or a Sub-contractor have experience in Design, Fabrication and erection of steel pipes for underground Penstock using boiler quality plates and having an internal diameter of 2.5m or more.
- (v) Hydro-mechanical Works: The Bidder or its JV Partner or an Associate or a Sub-contractor have experience in Design, Fabrication and erection of hydraulic gates and hoists for Water Resources Projects having clear waterway of minimum 2.5m x 2.5 m.

Bidders wishing to apply for both Package 1 as well as for Package 2 shall be required to fulfill the Qualification Criteria for both Package 1 and Package 2.