

**UTTARAKHAND IRRIGATION DEPARTMENT
OFFICE OF SE, TUBEWELL CIRCLE,
DEHRADUN**

**INVITATION FOR EXPRESSION OF INTEREST (EOI) FOR ESTABLISHING
SOLAR PHOTOVOLTAIC POWER PLANTS (SPPs) OF 40 MW AT HARIPURA DAM
AND TUMARIYA DAM IN, Dist. UDHAMSINGHNAGAR, UTTARAKHAND**

(Let. NO. 665/TWC/T-1/Solar Dehra dun Dt. 09-03-2018)

Sealed, Expression of Interests are invited for prequalifying to participate in the proposed tender for "Establishing Solar Photovoltaic PowerPlants (SPPs) of 40 MW at Haripura and Tumariya Dam in dist. Udhamsinghnagar, Uttarakhand"

Introduction:

Uttarakhand Irrigation Department wishes to find long term solution to its daily electricity consumption, by exploring renewable energy generation option to compensate the self-consumption. Currently Rupees 46 crore are being paid towards Electricity bills every year. Hence Irrigation Department has decided to set up solar project on BOOT modelk to meet its demand.

The department has ownership and possession of enough land to set up nearly 40 MW solar project along two of its big reservoir. The proposed project will be developed along side outer periphery of dams infrastructure, berms, embankment and slope. The Department has concluded feasibility study at both of its reservoir and there is enough power evacuation facility available. The land will be given to Solar Power Developer (SPD) without rent to develop this project.

This project will be set up under net metering regulations of Govt of Uttarakhand where electricity produced will be delivered to grid and generation will be adjusted against self-consumption of the department. The tariff reverse auction tender will be floated for solar power developer/investor to offer the best price tariff. The lowest tariff quote winner SPD will enter into long term agreement with Irrigation Department. Irrigation Department will pay to the SPD (SPP developer/investor) as per quoted tariff rate.

The location of the projects is:

Haripura dam

Latitude	°N	29.127047
Longitude	°E	79.311540

Tumaria Dam

Latitude	°N	29.307667
Longitude	°E	78.948660



Brief Scope of the project:

The SPD will be responsible to design, engineering, supply, transport material to the site, install, performance testing, commissioning, maintenance and secure the asset with proper safeguard precautions till end of PPA agreement.

The Interested SPD will provide the following documentary evidences of eligibility criteria and if it has any other proposed commercial/financial model of setting up this project that will benefit Irrigation Department better.

ELIGIBILITY CRITERIA

Following are the **six** minimum qualifying requirements for the firms:-

1. The bidder should have experience of setting up solar project (ground mounted) for minimum of 5 year. (Attach order copy)
2. The bidder should be an established agency in India having adequate experience in executing Solar Power Projects in India on turn-key basis **totaling to not less than 20MWp in the last 5 years** and should have successfully established in **India**. Evidence to be supported by Purchase Orders and Project completion certificates. In case of work orders from private firms, the experience shall be supported by TDS certificates.
3. The bidder should have an **annual average turnover** in the area of Solar Power Plants development of not less than **50 Crores (Rupees Fifty Crores)** in last three completed financial years . The bidders shall submit audited balance sheets for the last **three years ending with 31.03.2017**.
4. The bidder should have post-installation **experience in maintenance** of solar power stations in India or shall have established tie up with experienced Solar Power Plant maintenance agency (Supported by documentary evidence) during the last five years.
5. The bidder shall have an established and registered office in India and must possess valid Central/State VAT/TIN/GST registration certificate. (Copies to be enclosed).
6. The bidder must propose the model he will be developing this project if selected. I.e. BOOT or any other model which has more benefit to Irrigation department
7. The bidder must propose probable price range of tariff, they are willing to sell power to the department based on their best assumption of generation.



SUBMISSION OF EOI:

Firms meeting the above eligibility criteria and interested in participating shall submit their application along with attested copies of all relevant documents to

**Superintending Engineer, Tubewell Circle, Yamuna Colony
Uttarakhand Irrigation Department Dehradun 248001.**

**Fax : 0135-2530916, (Off.) Email : setwcdoon@gmail.com,
ssokarmik1@gmail.com**

in a sealed envelope super scribing "EXPRESSION OF INTEREST FOR ESTABLISHING SOLAR POWER PLANT AT Haripura/Tumaria Dam" so as to reach SE Tubewell Circle Dehradun, Department of Irrigation on or before **16:00 hrs on 23/03/2018**. **Late requests will not be considered.** Department reserves the right to reject any or all EOIs without assigning any reason thereof.

NOTE:

1. The Department, if deemed necessary, will verify the above qualifying requirements and assess the competency of the bidder through plant inspection(s) and installation(s) carried out by bidders by a Technical Evaluation Committee and also obtain feedback from selected clients.
2. Those agencies meeting all the above stipulated eligibility criteria and found eligible from the Expression of Interests received will only be considered for further participation.


(T.S. Martolia) 9/3/18

**Superintending Engineer,
Tubewell Circle, Irrigation Department
Yamuna Colony, Dehradun.**