

**DIRECTORATE OF ENERGY
GOVERNMENT OF HIMACHAL PRADESH**

OFFICE ORDER

Directorate of Energy (DoE), Government of Himachal Pradesh, is pleased to accord Techno Techno-Concurrence (TC) to Baagi SHP (100 KW) on Chalahar nallah a tributary of Uhl khad in Beas basin, Distt. Mandi, Himachal Pradesh, allotted to "M/S Balwant Singh, Village Narwalka, Post Office Kamlah fort, Teh Dharampur Distt Mandi (HP) 175050", at an estimated cost of Rs. 200.00 Lac (Rupees Two hundred lac) only including Interest During Construction (IDC), Escalation and Financial Charges (FC) with the following stipulations:

- 1.i) The completion cost shall not exceed the above cost except on account of the following:
 - a) Interest During Construction (IDC) and Financial Charges (FC) shall be as per actuals but not exceeding the amount as indicated at Annex-I, unless revised by DoE, GoHP while according Techno-Concurrence under Section-8 of Indian Electricity Act 2003 after review of the financial package.
 - b) Change in rates of Indian taxes and duties such as Excise Duty, GST, Custom Duty and levy of any other taxes/duties subsequent to issue of Techno-Concurrence.
 - c) Change in Indian law resulting in change in the cost.
- ii) The abstract of the Estimated Cost approved by DoE, GoHP is furnished at Annex-I and the Salient Features of the scheme are at Annex-II.
2. The Techno-Concurrence is subject to the fulfillment of the following conditions:
 - i) Completed cost/ Techno-Concurrence (TC) shall not be re-opened due to the following:
 - a) Non acquisition of land.
 - b) Non- finalization of Power Purchase Agreement (PPA).
 - c) Delay in financial closure.
 - ii) The final financial arrangement shall not be inferior to the financing arrangement projected in the Detailed Project Report (DPR) for Techno-Concurrence.
 - iii) As proposed and agreed upon by the Developer during appraisal of the DPR, the Project is viable by considering Central Financial Assistance (CFA) / MNRE subsidy. The cost of the Project cleared by the DoE, GoHP is indicative and shall have no binding on the regulator while fixing the tariff. The tariff of the Project shall be regulated by the appropriate Electricity Regulatory Commission.
 - iv) The public issue expenses, if any, shall be reconsidered at the time of approval of completion cost based on documentary proof and in accordance with Security Exchange Board of India (SEBI) guidelines regarding regulation of public issue expenses.
 - v) Fulfillment of conditions stipulated in Central Electricity Authority (CEA)/Central Water Commission(CWC) guidelines in respect of civil works at the stage of detailed designs/execution.
 - vi) In case, changes are made in design parameters during construction due to site conditions or otherwise, the same shall be intimated and got Concurred from DoE, GoHP before implementation of such changes.
 - vii) Any increase in the cost estimate due to design modifications and geological surprises would be absorbed by the Independent Power Producer (IPP) i.e. "M/S Balwant singh Village Narwalka, Post Office Kamlah fort, Teh Dharampur Distt Mandi (HP)".
 - viii) No additional cost shall be allowed due to Resettlement & Rehabilitation (R & R) Plan.
 - ix) Normal operation life of the hydro power plant shall be as per provisions of CWC/CEA guidelines or CERC/HPERC regulations.



- x) The statutory and administrative clearances as per Hydro Power Policy of HP Govt. for setting up of Micro Hydel Projects upto 100 kW in the state notified on 12th March, 2012 and subsequent amendments made thereof shall be obtained before implementation of the Project.
- xi) Whereas the HPSEBL shall endeavor to provide the evacuation system at the earliest, the scheduled date for providing evacuation arrangements shall be spell out in the PPAs on case to case basis inter-alia, keeping in view the time lines indicated in the relevant plan by HPSEB and approved by HPERC.
- xii) The Power House generating equipment as well as other electrical equipments to be provided by the Developer shall be compatible for parallel operation with the State grid after interfacing. The Developer shall be responsible for any loss of generation on this account.
- xiii) For evacuation of Power, the Developer shall interface this Project through solid tap on 22 kV Nandi-Kataula feeder subject to the following conditions:-
- a) The cost of 22 kV line from Baagi SHEP (100 KW) to tapping point about 0.3 Km including inter-connection facilities shall be borne by the developer.
 - b) No deemed generation shall be allowed to the Developer in case of shut down / break down of 22 kV Nandli-Kataula feeder and 33/22 kV substation Kataula at Nandli.
 - c) The calculated line losses from inter-connection point to 33/22 kV substation Kataula at Nandli shall be borne by the Developer as per prevailing guidelines of HPERC/HPSEBL.
- xiv) The Project line shall be provided, operated and maintained by the IPP at his own cost as per normal conditions after obtaining approval of HP Govt. under Section 68(1) of Electricity Act, 2003.
- xv) The Developer shall develop operate and maintain the Project including the dedicated transmission system subject to compliance with the following:
- a) Grid code and standards of grid connectivity.
 - b) Technical as well as Mechanical standards for construction of Electrical lines.
 - c) Norms of System Operation of the concerned State Load Dispatch Center (SLDC) or Regional Load Dispatch Center (RLDC).
 - d) Directions of the concerned SLDC or RLDC regarding operation of dedicated transmission line.
 - e) The Developer shall only be allowed to inject power in HP system with the undertaking that necessary action to provide tele-metering to SLDC shall be provided by them and specifications required to be got approved from the office of SE(SLDC), HP Load Dispatch Society, Totu, Shimla from compatibility point of view with existing SCADA system.
- xvi) The conditions on these lines shall have to be suitably included by the Developer in the PPA etc. apart from other standard conditions.
- xvii) The observations of HPSEBL/DoE and replies thereof shall form an integral part of the DPR.
- xviii) Minimum 15% release of water immediately downstream of diversion structure shall be ensured all the times including lean season as per Power Policy of HP Govt., 2006 and subsequent amendments thereof. The necessary monitoring equipment as prescribed by the H.P. Pollution Control Board shall be installed by the IPP during execution of the Project.
- xix) LADF/LADC and Local area development activities shall be applicable as per Hydro Power Policy of HP Govt. for setting up of Micro Hydel Projects upto 100 kW in the state notified on 12th March, 2012.
- xx) The Techno-Concurrence is based on the reports and data furnished by the Developer in the DPR and it is presumed that information furnished is correct and has been collected reliably after carrying out detailed field investigations and surveys under the



supervision of competent personnel. The broad technical aspects of the Project proposal in the DPR have been scrutinized and it does not cover the examination of the detailed designs & working drawings of Project components with regard to their structural, hydraulic and mechanical performance & safety which shall be ensured by the Project authority/developer.

3. The Project shall be completed within 12 months from the date of start of the construction work.
4. The completion cost of the scheme shall be submitted to DoE, GoHP within 3 months from the Commercial Operation Date (COD) of the plant.
5. The Project Developers /Project Authorities shall give free accessibility to the officers and staff of DoE, GoHP to have on the spot assessment of various aspects of the Project.
6. The firm financial package and tie-up of balance inputs/clearances shall be completed within the period as stipulated in the HP Govt. Hydro power Policy, 2006 and subsequent amendments thereof /Implementation Agreement.
7. In case the time gap between the Techno-Concurrence to the scheme by DoE, GoHP and actual start of work by the Project Developer is three years or more, a fresh Techno-Concurrence of DoE, GoHP shall be obtained by Developer before start of actual work.
8. The DoE, GoHP reserve the right to revoke the Techno-Concurrence, if the conditions stipulated above are not complied with to the satisfaction of the GoHP.

BY ORDER OF THE GoHP

P. L. Singh
9/7/2018
**Chief Engineer,
Directorate of Energy, GoHP,
New Shimla-171009(HP).**

No. DoE/CE(Energy)/TC-Baggi/2018- 3481-89

Dated: 10/07/2018

Copy for information and necessary action to the:

1. Additional Chief Secretary (MPP & Power) to H.P. Govt., Shimla-171002 (HP).
2. Additional Chief Secretary (NES) to H.P. Govt., Shimla-171002 (HP).
3. Secretary, Ministry of Non-Conventional Energy Sources (MNES), Block No.14,CGO Complex, Lodhi Road, New Delhi-110003.
4. Director, Environmental & Scientific Technologies, Narayan Villa, Near Wood Villa Palace, Shimla-171002 (HP).
5. General Manager (C&D), HPPTCL, Himfed Building, Tutikandi, Shimla-171004 (HP).
6. Chief Engineer (System Planning), HPSEB Ltd, Dogra Lodge, Shimla-171004 (HP).
7. Chief Engineer (Commercial), HPSEB Ltd, Vidyut Bhawan, Shimla -171004 (HP).
8. Chief Executive Officer, Himurja, 8A-SDA Complex, Kasumpti, Shimla-171009 (HP).
9. M/S Balwant singh Village Narwarka, Post Office Kamlah fort, Teh Dharampur Distt Mandi (HP).

P. L. Singh
9/7/2018
**Chief Engineer,
Directorate of Energy, GoHP,
New Shimla-171009(HP).**

P. L. Singh