

F.A.Q

Tender for Consultancy services for Techno-Economic review on flexibility potential of hydro power in India to adapt to fluctuating power generation from renewable energy sources

Q1. There is no. of existing hydro projects all over India. Please indicate specific states and specific projects within state that are expected to be considered for present study.

Response from GIZ

At least three cases from 3 different states

Q2. We understand that the proposed study related to tasks detailed at bullets 1 to 6 shall be based on data available with Hydro power utilities/ stakeholders. No site survey is expected in the proposed ToR. Kindly confirm whether our understanding is correct.

Response from GIZ

YES

Q3. We shall require data related to existing water conductor system, limitations of penstock, tail channels for conducting ramping related study. Kindly inform in case there is any MoU of GiZ with State Authorities for providing such data.

Response from GIZ

NO-- GIZ/KFW/IGEF have no MOUs

Q4. We may further require Letter of Support in data facilitation by the Hydro power utility/ stake holder for timely availability of data. May please confirm whether such Letter of Support can be expected from GiZ.

Response from GIZ

NO

Q5. We presume that, no Residual Life Assessment (RLA) study is expected in this ToR for the existing hydro projects for conversion to PSH. May kindly confirm.

Response from GIZ

YES CORRECT

Q6. We understand that the cost estimation at (i) & (ii) would be based on data made available by hydro power utilities/ stakeholders, while cost estimation for (iii) would be based on per MW cost derived through the assessment of new PSP hydropower projects. Kindly confirm whether our understanding is correct.

Response from GIZ

. YES CORRECT

Q7. We understand from the “Bidding Condition” document along with this ToR that “Consortium/Joint Venture is permitted. Kindly confirm whether the qualification criteria stated at 4.4. & 4.5 can be presented jointly for meeting eligibility?

Response from GIZ
JV/Consortium is permitted

However, the lead partner must meet all the specified Criteria's under Grid for Assessing the Eligibility of Firms

Q8. We understand that there would be total two (2) nos. of experts expected in the category of “Expert 1 & 2”, however, Excel file template named “Technical assessment Grid” allocates marks for three (3) nos. of experts under category “Expert 1 & 2”. Kindly confirm whether we propose for 2 or 3 nos. experts under the mentioned category?

Response from GIZ
Please refer to revised version “Technical assessment Grid” uploaded on the web portal.

Q9. In case we are to propose for 3 experts, kindly confirm whether the expert days (75 days) would be divided amongst 3 Experts?

Response from GIZ

One Team Leader | Two key experts | Short-term expert(s) pool for corresponding expert days are foreseen as indicated in the ToR.

Q10. We request you to please confirm if sub-contracting is permitted under this mandate, wherein the onus of the entire work shall be on the lead bidder. This will allow us to engage specialist consultants in the interest of the project

Response from GIZ

NO

Q11. Are the consulting companies registered outside India eligible to submit bid for this tender

Response from GIZ

No. In the case of consortium bids, the lead company has to be an Indian company.

Q12. Is it allowed to submit bid in any other currency apart from INR

Response from GIZ

Currency of the contract is Indian Rupees Only.

Q13. Travel to how many hydro power plants are required to be covered under this project

Response from GIZ

At least three cases from 3 different states. However, the contract does not foresee any travel budget.

Q14. With regards to the analysis of the potential for increasing capabilities, conversion of hydropower plants to PSP, development of new PSP projects and co-location of floating PV, please clarify whether the consultant shall prepare its own bottom-up analysis or primarily rely on a critical review and analysis of available studies?

Response from GIZ

Methodology is open.

Q15. Please also clarify to which extent such analysis shall be broken down by individual plants or units, and whether site visits to some or all plants are expected?

Response from GIZ

It is felt, the study does not necessarily demand site visit.

Q16. Please clarify whether the consultant shall review or develop the regulatory and market framework for PSP hydropower, and what scope and level of detail GIZ expect with regards to the project's recommendations in this respect?

Response from GIZ

A macro picture of the regulatory and market framework is expected.

Q17. Please clarify your expectations regarding team structure (number, qualifications, tasks and requirements) and budget allocation. Whist section 4 of the ToR refers to a single Expert 1 only (plus Team Leader and pool of short-term experts), section 5 of the ToR lists experts 1 and 2 and the Technical Assessment Grid lists experts 1, 2 and 3.

Response from GIZ

Please refer to revised version of Excel file template named "Technical assessment Grid" uploaded here. To summarise the revisions on the version dated 13.03.2020 here: Tables 2.1 to 2.3 now show *revised* scoring matrices. Table 2.4 is *no longer relevant*.

Q18. Please clarify whether the core team (team leader plus expert(s) 1/2/3) must be resident in India and/or carry out all activities within India, or whether it is also possible to involve international experts who are providing part of their inputs from their respective home offices?

Response from GIZ

Yes, it is also possible to involve international experts who are providing part of their inputs from their respective home offices.

Q19. Will the consultant be required to participate in any project meetings, and if so, how many and at which locations?

Response from GIZ

Inception meeting and final draft presentation will be required in GIZ / KfW premises in New Delhi.

Q20. Please clarify the conflicting stipulations under 'Travel' in section 5 of the ToR: Whilst the first paragraph asks for a detailed breakdown of travel expenses, the second paragraph states that no travel budget is provided for. Does this mean that no travel is foreseen, or that all travel expenses will have to be financed out of the daily rates for the experts' work?

Response from GIZ

ToR used is standard in GIZ. However, as stated no travel budget is foreseen. Answer to Q15 above refers.

Q21. Section 6 of the ToR states that GIZ and other actors will not make any information available. Does this mean that GIZ will neither provide any information nor facilitate communications with relevant stakeholders (e.g. CEA, generating companies, planning authorities etc.) but that the consultant would either have to rely on desktop research or its own contacts?

Response from GIZ

The consulting firm engaged will have to use its own network and contacts for the study.

Q22. The scope of work under section 2 refers to ramping capability study. Our understanding on the ramping capability studies is related to the time frame within which hydro power project can be started or shut down and also the assessment of project capability to handle load demand variations. Kindly confirm.

Response from GIZ

Yes. This is correct interpretation.

Q23. In the ToR document in section 4 the qualification criterion is provided for Expert 1. However, no separate/ different evaluation criterion is provided for evaluating Expert 2 CV. We therefore assume that the qualifications required for the Expert 2 are also be the same as that of Expert 1. Please confirm and clarify.

Response from GIZ

Yes. The qualifications will be same between experts 1 and 2. Years of experience may be lesser in the case of Expert 2.

Q24. As per our understanding on your clarifications consultant is required to assess a total of 3 projects in 3 different states (1 project in each state) and it can either be Hydro or Pumped Hydro project. Therefore, in essence it could be either all 3 hydro project or all 3 Pumped hydro or somewhere in between (like 1 Hydro, 2 pumped hydro or vice versa). Please confirm if our understanding is correct

Response from GIZ

All three will be hydro projects in three different states. The overall objective of the study is to analyse the conversion of existing hydro to PSP hydro.

Q25. In section 4 of ToR, the qualification criteria are mentioned for short term experts. Could you please clarify whether all the short-term experts combined (together) need to meet those requirements or each individual has to meet those qualification requirements individually

Response from GIZ

Each expert will need to meet the qualification criteria individually.

Q26. As per the section 9 of ToR the proposal has to be of no more than 10 pages excluding CVs. Do the details of projects which will be part of annexure be included in 10 pages limit or will be excluded, please confirm

Response from GIZ

The project details could be in the annexure; altogether the proposal should be within 10 pages excluding CVs.

Q27. In the overall cost estimation, the cost of retrofitting to improve ramping capacity, converting existing storage hydro to pumped storage scheme and developing new PSP project shall be on broad basis and as per general practices (for a minimum of three projects) because the costing of these components in detail require further studies which are beyond the scope of present TOR. Kindly confirm.

Response from GIZ

The estimation shall be broad-based and indicative as per general best practices.

Q28. Revised Milestone dates may kindly be indicated.

Response from GIZ

Milestones indicated on original ToR will be correspondingly moved forward based on the actual start date of the contract.

Q29. Terms of Payment has not been indicated in the TOR. Please confirm

Response from GIZ

Payments are conditional to the achievement of milestones given in the contract. Normally the payment plan followed in GIZ is: Advance 30% / Interim 30% and Final 40%

Q30. In section 3 of ToR in other specific requirement the contractor has been asked to manage cost and expenditures, accounting processes and invoicing in requirements of GIZ. We understand that all such processes and requirements shall be provided to successful bidder at the time of signing of contract. Please confirm.

Response from GIZ

Yes. Relevant processes will be described in the terms of the contract. Contracted agency will be given a presentation on the technical implementation and financial processing of the contract at a kick-off meeting.

Q31. GIZ is requested to kindly quantify the members of JV / association.

Response from GIZ

- As such there is no restriction defined in tender documents; yet GIZ would prefer that the JV/Consortium party should not be more than 2 or 3.
- The lead partner needs to associate with other firm(s) in a lawfully binding manner and shall act by the Companies Act as well as Indian Partnership Act. Lead partner shall follow all existing norms as per Companies Act/ Indian Partnership Act under section 8.
- Lead partner shall clearly define roles and responsibility of such sub-associate/JV in proposal.
- Lead partner (and not JV/ Consortium Party) will only be responsible for all tasks under the TOR.

The following documents must be part of technical proposal;

- (a) Name of Lead Partner (first party)
- (b) Name of the Firm with whom the consortium/association is formed. If legal entities are different, then they must produce one legally binding document entering into consortium with clear specification of roles, understanding and financial bifurcation.
- (c) Letter from 2nd party accepting the terms of consortium/association (financial & technical).

Q32. Can International Companies (not registered in India) be allowed to participate in a JV wherein Indian Company shall act as a Lead Partner?

Response from GIZ

NO.

Q33. Can parent company's (outside India) experience, meeting the selection criteria, be evaluated? Kindly clarify.

Response from GIZ

The lead partner must meet all the required criteria specified in the Technical Assessment Grid and Grid for Assessing the Eligibility of Firms.

Q34. Kindly allow experience in large hydro projects with diurnal storage whose Installed capacities are higher than 1000 MW and reservoir storage is in excess of 175 MCM as ramping studies are carried out in such projects as well. Also, there are very less pumped storage projects thereby limiting the number of consultants eligible for applying for this assignment.

Response from GIZ

The criteria defined cannot be changed. Bidders are requested to submit the documents / response in the technical proposal, based on defined criteria.