

Preparation of feasibility report for micro/pico hydel project.

KSCST has taken up a project entitled “Identification of Potential Sites for Installation of Micro/Pico-hydel Power Plants for Decentralized Power Supply in Tribal Dominated Hilly Areas of Karnataka”. We have identified following potential sites in Chickmagalur, Kodagu, Udupi, Dakshina Kannada and Uttara Kannada District. Quotations are invited for field data collection and preparation of feasibility reports of these sites.

Sl No	Name of the hamlet	Name of the village	Gram Panchaya	Taluk and District	Total No of houses (approx.)
1	Doddadadige Honda	Karle	Samse	Mudigere Chikkamagulre	10
2	Doddachowkada Hole	Karle	Samse	Mudigere Chikkamagulre	12
3	Uddinamakki	Karle	Samse	Mudigere Chikkamagulre	10
4	Jogibailu	Hagalaganchi	Menase	Sringeri Chikkamagulre	15
5	Malige	Sulkerimogra	Aladangadi	Beltangadi Dakshina Kannada	25
6	RamasappaKolli	Mannigere	Made	Madikere Kodagu	25
7	Monnangeri II	Mannigere	Made	Madikere Kodagu	30
8	Kattepalli	Kattepalli	Chembu	Madikere Kodagu	40
9	Basariberu	Kollur	Kollur	Kundapura Udupi	60
10	Kerehalli	Boosanakere	Vanalli	Sirsi Uttara kannada	40

Interested firms may send their quotations along with company profile, experience details audited statement ((two years) & IT returns details in a sealed covers addressed to **The Executive Secretary, Karnataka State Council for Science and Technology, Indian Institute of Science, Bangalore 560 012 on or before 10th May 2013.**

Eligibility Criteria:

1. Minimum Experience of 3 years in the relevant field is necessary
2. Should have handled minimum 20 projects on Pico and Micro Hydel Projects under MNRE / KREDL programmes or any other agencies projects.
3. Should have expertise in the technologies related hydel projects.
4. Should be well versed with local area terrain of above mentioned locations.
5. Should have good networking with local villagers and Gram Panchayath
6. Minimum annual turnover for the last three years should not be less than Rs. 5.00 lakhs.
7. Should also have experience in preparation of feasibility reports/ DPR for remote village electrification.

Terms & Conditions:

1. Quote your rates for each site separately
2. All the quotations should be sealed in a single cover only
3. The cover should be super scribed as “*Quotation for MicroHydel Project*”
4. Quotation should be addressed to the Executive Secretary, Karnataka State Council for Science & Technology, Indian Institute of Science, Bangalore -560012.
5. The Quotation should reach this office on or before 10-05-2013.
6. Company Details/Profile/Experience should be submitted along with the quotation
7. For Flow data collection it is compulsory to engage the local person from the beneficiary group only
8. The report should be submitted in both hard and soft copy
9. Advance payment will be made for the work against Bank Guarantee
10. The above work excluding flow data should be completed within 45 days from the date of sanction.

Scope of work

A. Social survey:

1. Identification of beneficiaries
2. Household survey including Individual family photo with ID proof and other documents.
3. Economic survey of each beneficiary with source of income
4. Types of crops growing and crops pattern
5. Education survey of each person
6. Population survey and the category of each beneficiary
7. Local skills and availability of resources for income generation activities
8. Availability of agriculture land for each beneficiary and types of crops
9. Present utility of lighting sources.
10. Collection of census data and village map
11. Obtaining willingness letter from each beneficiary for utilizing their lands for execution of pico / micro hydel project.
12. Obtaining letter from Local Gram Panchayat requesting to execute the pico-hydel projects for electrification in the hamlet.
13. Any other data collection relevant to socio economic status

B. Technical survey:

1. Measurement of available head using GPS / Altimeter
2. Identification of suitable locations for construction of diversion wear, fore-bay tank, power canal, penstock, powerhouse and tailrace along with site photograph.
3. Land ownership details of the work site
4. Latitude, Longitude and Elevation of the location (GPS data).
5. Installation of Level gauge scale for water discharge data collection. (Local Caretaker honorarium for daily data collection can also be included).

6. Measuring the distance of power canal, penstock and tailrace.
7. Measuring the distance between power house to each individual houses for drawing electrical power supply line
8. Calculation of power requirement in each beneficiary houses
9. Estimation of total power potential and required power.
10. Study the feasibility to utilize the electrical power to other income generation activities considering the local needs.
11. Feasibility of alternative resources during summer period for power supply.
12. Preparation of layout drawing indicating project site (Stream, Diversion wear, power canal, penstock, power house and tailrace) and individual households with numbering.
13. Any other data collection relevant to work site.

Format for financial offer
(Submit in your company letterhead)

To
The Executive Secretary,
Karnataka State Council for Science and Technology,
Indian Institute of Science, Bangalore 560 012

Date:

Dear Sir,

Sub: Financial Offer for field data collection and preparation of feasibility report for
micro/pico hydel power project sites

Reference to your news paper advertisement in onand as per the details given in your website www.kscst.org.in www.kscst.iisc.ernet.in the following is our financial offer for field data collection and preparation of feasibility report. We are agreeable to all the terms and conditions mentioned in the website.

Name of the site /Hamlet :
Name of the Village :
Gram Panchayat :
Taluk :
District :

Total amount quoted in Rs..... (Rupees

Cost Break up Format: (Quote for each site separately)

Sl. No.	Description of Work	Time Required (No. of Days)	Rate (Rs.)	Total Cost (Rs.)
1	Socio Economic Data Collection			
2	Travel			
3	Field Data Collection			
4	Installation of measuring Gauge and Collection of Flow Data			
5	Salaries and Wages			
6	Experts Fee			
7	Report preparation and Documentation			
8	Other Costs (Please Specify			
	Grand Total			

Date:

Authroised signature & company seal

Place: