

Uttarakhand Renewable Energy Development Agency (UREDA)

Preparation of detailed project reports

For

**Renovation , Modernization and up gradation of
Harsil Small Hydro Project Capacity (2x100 KW)
(Block-Bhatwari)
Distt.- Uttarkashi**

TENDER DOCUMENT

Tender No. /UREDA/Harsil MHP/ Reno, Modern, and up gradation /2014-15

Volume-I

Technical Bid

UTTARAKHAND RENEWABLE ENERGY DEVELOPMENT AGENCY

Room No-107 Vikash Bhawan Ladari

Distt-Uttarkashi

PH & FAX No . 01374 -222538

Name of Firm

INDEX

Particulars	PAGE NO.
1. Index	2
2. Tender Notice	3
3. Covering Letter	4
4. Particulars of Tender	5
5. Particulars of Tenderer &experience	6
6. Declaration by Tenderer	7
7. Introduction and eligible Tenderers	8
8. General conditions of contract	9-12
9. Scope of works	13
10. Price Schedule/Financial bid	14
11. Details of the Projects & status of Works	16-17

—: अल्पकालीन निविदा सूचना:—

**कार्यालय परियोजना अधिकारी उत्तराखण्ड अक्षय ऊर्जा विकास अभिकरण (उरेडा),
कक्ष संख्या 107 विकास भवन, उत्तरकाशी फोन नं0 01374-222538**

जनपद उत्तरकाशी में केन्द्र सरकार/राज्य सरकार के विभागों में लघु जल विद्युत परियोजना के जीर्णोद्धार हेतु डी0पी0आर0 तैयार करने के लिए निम्नानुसार निविदाएँ दो भागों में (प्रथम भाग-तकनीकी बिड एवं द्वितीय भाग-वित्तीय बिड) आमंत्रित की जाती है।

क्र. सं.	कार्य का नाम/विवरण	धरोहर धनराशि कार्य लगत का	निविदा प्रपत्र का मूल्य रू0	कार्य पूर्ण करने की अवधि
1	2	3	4	5
1	हर्षिल लघु जल विद्युत योजना वि0 ख0 भटवाडी, उत्तरकाशी (2X100) के जीर्णोद्धार हेतु डी0पी0आर0 तैयार करना।	15000.00	1000.00 बिक्रीकर सहित	01 माह
2	इस्तरगाड लिघु जल विद्युत योजना वि0ख0 मोरी, उत्तरकाशी (2X100) के विद्युत पारेषण लाइन का मरम्मत एवं पुर्ननिर्माण सम्बन्धित कार्य।	23000.00	1200.00 बिक्रीकर सहित	01 माह

निविदा हेतु शर्त :-

- 01 निविदा प्रपत्र दिनांक 24.07.2014 से 16.08.2014 तक कार्यालयों दिवसों में उपरोक्त निर्धारित निविदा प्रपत्र मूल्य नगद/डिमाण्ड ड्राफ्ट के माध्यम से उरेडा कार्यालय में जमा कर प्राप्त किये जा सकते हैं।
- 02 निविदा प्रपत्र क्रय करते समय सम्बन्धित कार्य करने का अनुभव प्रमाण पत्र प्रस्तुत करना होगा।
- 03 निविदा को निरस्त करने, तिथि एवं समय आदि में परिवर्तित करने का अधिकार अभिकरण को होगा।
- 04 सशर्त निविदा स्वीकार नहीं की जायेगी।
- 05 निविदा हेतु धरोहर धनराशि किसी भी राष्ट्रीय/शैड्यूल बैंक द्वारा जारी एफ0डी0आर0/सी0डी0आर0/एन0एस0सी0 जो कि "उरेडा प्रोजेक्ट उत्तरकाशी" के पक्ष में बंधक हो के रूप में ही स्वीकार की जायेगी।
- 06 निविदा के साथ 100.00 के स्टाम्प पेपर पर रू0 1.00 के रसीदी टिकट लगाकर निविदा दरों की वैधता के सम्बन्ध में अनुबन्ध हस्ताक्षर कर लगाना आवश्यक है।
- 07 फर्म का आयकर/बिक्रीकर पंजीयन प्रमाण पत्र एवं टूर्न ओवर 10.00 लाख प्रति वर्ष विगत 03 वर्षों की होनी चाहिए।
- 08 निविदा क्र0सं0 02 में फर्म/टेकेदार को "ए" श्रेणी में पंजीयन जो कि विद्युत सुरक्षा कार्यालय द्वारा जारी किया गया है होना आवश्यक है।
- 09 निविदा (तकनीकीबिड एवं वित्तीय बिड) दिनांक 19.08.2014 को 12.00 बजे तक निविदा बॉक्स में डाली जायेगी तथा उसी दिन 3:00 बजे अपराहन गठित निविदा समिति एवं टेकेदारों के प्रतिनिधियों के सम्मुख उरेडा कार्यालय उत्तरकाशी में खोली जायेगी।
- 10 निविदा प्रपत्र बेवसाईट <http://publish tenders.gov.in> से भी डाउनलोड किये जा सकते हैं। ऐसी दशा में निविदा प्रपत्र का मूल्य बैंक ड्राफ्ट के माध्यम से निविदा जमा करते समय जमा करना होगा।

परियोजना अधिकारी, उरेडा उत्तरकाशी

FROM :- (Full name and address of the tenderer)

M/s.....
.....
.....
.....

To,

The Project officer
Uttarakhand Renewable Energy Development Agency
Uttarkashi

Subject: -Offer in response to Tender Notice No. 181 /UREDA/Harsil MH Reno. /2014-15

Sir,

We hereby submit our offer in full compliance with terms & conditions of the attached tender.
The tender is being submitted in two separate and sealed envelopes marked Part-I & Part-II.

(Signature of Tenderer)

Seal

GENERAL PARTICULARS OF TENDER

1	Tender Notice No.	181 /UREDA/Harsil MH Reno. /2014-15
2	Particulars of the work	Preparation of detailed project reports for Renovation , Modernization and up gradation of Small Hydro Power Projects situated at Harsil Small Hydro Project (2X100KW)
3	Capacity of plants	2X100KW
4	Period of contract	1 months
5	Cost of tender document	Rs. 1200.00 (inclusive of trade tax)
6	Last date/ time of submission	19-08-2014
7	Amount of Earnest money	Rs. 15000.00
8	Validity of offer for acceptance	One Months from the date of opening of the Technical bid
9	Date and Time of opening of tender	19-08-2014 / 3:00 P.M.
10	Place of opening of tender	Project Office UREDA, R.No. 107 Vikas Bhavan, Uttarkashi

PARTICULARS OF TENDERER

Sl	Particulars	Details
1	Name of Tenderer /Firm	
2	Postal Address	
3	E-mail address for communication	
4	Telephone, Fax No.	
5	Name, designation & contact number of the representative of the tenderer to whom all references shall be made.	
6	Nature of the firm (Pvt. Ltd /Public Ltd. Co. /Proprietorship firm/contractor etc.) The Association of various firms like Consortium /Joint Venture/Special Purpose Vehicle etc. is not allowed to participate in this tender. Please Attach attested copy of Registration /memorandum of Association	
7	Amount and particulars of the earnest money deposited.	
8	Annual Turn over for last one years (Attach balance sheets from CA in this regard)	
9	PAN & TAN NO allotted by income tax Department. (Copy of Registration Certificate to be enclosed)	
10	Sales Tax Registration no.(Copies of Registration Certificates of trade tax/ sales tax to be enclosed)	
11	Has the tenderer /firm ever been debarred by any institution for undertaking any work?	
12	Details of experience /certificates etc.	
13	Does tenderer have any relative working in UREDA? If yes state the name and designation.	

Tenderers are requested to give their full particulars and legal and financial status.

(Signature of tenderer with Seal)

DECLARATION BY THE TENDERER

I. /We

(Hereinafter referred to as Tenderer) being desirous of tendering for the work, under this tender and having fully understood the nature of the work and having carefully noted all the terms and conditions, specifications etc. as mentioned in the tender document do hereby declare that-

1. The tenderer is fully aware of all the requirements of the tender document and agrees with all provisions of the tender document and accepts all risks, responsibilities and obligations directly or indirectly connected with the performance of the tender.
2. The tenderer is fully aware of all the relevant information for proper execution of the proposed work, with respect to the proposed place of works/ site, its local environment, approach road and connectivity etc. and is well acquainted with actual and other prevailing working conditions, availability of required materials and labour etc. at site.
3. The tenderer is capable of executing and completing the work as required in the tender and is financially solvent and sound to execute the tendered work. The tenderer is sufficiently experienced and competent to perform the contract to the satisfaction of UREDA. The tenderer gives the assurance to execute the tendered work as per specifications, terms and conditions of the tender on award of work.

4. The tenderer has no collusion with other tenderers, any employee of UREDA or with any other person or firm in the preparation of the tender.
5. The tenderer has not been influenced by any statement or promises by UREDA or any of its employees but only by the tender document.
6. The tenderer is familiar with all general and special laws, acts, ordinances, rules and regulations of the Municipal, District, State and Central Government that may affect the work, its performance or personnel employed therein.
7. The tenderer has never been debarred from similar type of work by any Government undertaking /Department. (An undertaking on Stamp paper in this regard shall have to be submitted)
8. The tenderer accepts that the earnest money may be absolutely forfeited by UREDA if the tenderer fails to sign the contract or to undertake the work within stipulated time.
9. This offer shall remain valid for acceptance for 1 (One) months from the proposed date of opening of the Technical Bid.
10. All the information and the statements submitted with the tender are true.

(Signature of Tenderer)

SEAL

INTRODUCTION

ELIGIBLE TENDERERS

The tenderer shall provide sufficient documentary evidences to satisfy the following conditions that the tenderer:

- 1 Is an indigenous consultancy/firm/EPC contractor/Project developer firm should be registered for more than last one years.
- 1.1 Have adequate Team of Technical experts of small hydro power sector with Civil, Electrical & Mechanical Engg. Discipline and would have completed similar work / prepared Detailed project reports of at least one 200 KW capacity hydro power station of Govt./ PSU/ reputed Pvt. Developers. The firm should be capable to perform the works properly and expeditiously within the time frame specified in the tender document.
- 1.2 Has adequate financial stability and status to meet the financial obligations pursuant to the scope of work. (The firm must have **average turnover of minimum 10 Lac** in each year during last 03 years.)
- 1.3 Has experience of similar works. The details must be submitted in the Performa given in Technical-Bid section of tender document.

The above stated requirements are compulsory to be fulfilled by the tenderer and UREDA may also ask for any additional information as may be deemed necessary.

GENERAL CONDITIONS OF CONTRACT

1. DEFINITIONS

In the deed of contract unless the context otherwise requires:-

- 1.1 **UREDA** shall mean The Director or his representative of 'Uttarakhand Renewable Energy Development Agency. Govt. of Uttarakhand' with its Head office at Energy Park Campus, Patel Nagar Dehradun & Its Project office at 107 Vikas bhaven, Uttarkashi and shall also include its successors in interest and assignees. The '**Contractor**' shall mean the **Firm (whose tender has been accepted by UREDA)** and shall include his legal representatives, successor in interest and assignees
- 1.2 The contract shall be for Preparation of detailed project reports for Renovation , Modernization and up gradation of Small Hydro Power Projects situated at Harsil, Block Bhatwari Distt Uttarkashi (2x100 KW) . However the validity of rates may further be extended to a specified period of time and/or to other locations in Uttarakhand on the mutual consent of both the parties.
- 1.3 The contractor shall be deemed to have carefully examined all the papers, drawings etc. attach to the contract deed. If he shall have any doubt as the meaning of any portion or any condition(s) /specifications etc.

2. COMPLETION PERIOD

- 2.1 The total work assigned to the contractor shall have to be completed by him within one months time from the date of signing the agreement. The work shall have to be completed within time and shall be binding on the contractor. In case of any urgency, the contractor may be asked to complete the work even earlier and contractor will be bound to fulfill the requirements.
- 2.2 In case the contractor fails to execute the said work or related obligations within stipulated time, UREDA will be at liberty to get the work executed from the open market at the risk and cost of the contractor, without calling any tender and without any notice to the contractor. Any additional cost incurred by UREDA during such execution of the work shall be recovered from the contractor.
- 2.3 If the cost of executing the work as aforesaid shall exceed the balance payments due to the contractor and the contractor fails to make good the 'additional cost', UREDA may recover it from the contractor's pending claims against any work in UREDA or in any other lawful manner. All risks & responsibilities related to the execution of the said work and fulfillment of related obligations directly or indirectly connected with the performance of the contract shall be the sole responsibility of contractor.
- 2.4 The calculation of aforesaid 'additional cost' will be finalized by the UREDA at its sole discretion. The contractor shall have no right to challenge the mode or amount relating to calculation at any forum. For completion of the work through any other agency, in case some changes are required in terms and conditions of the contract; the
- 2.5 Contractor shall not have any right to challenge the decision of UREDA.

3. LIQUIDATED DAMAGES

If the contractor fails to perform the work within the time periods specified in the work orders or within the extended time period if any, UREDA shall without prejudice to its other remedies under the contract, deduct from the contract price as liquidated damage, a sum equivalent to 1% of the price of the un-performed work / services for each week of delay until actual completion of work, up to a maximum deduction of 10%. Once the maximum is reached, UREDA may consider termination of the contract.

4. EARNEST MONEY/SECURITY AMOUNT:-

The firm has to submit Earnest Money/Security Amount of Rs. 15,000/- in the shape of FDR/CDR from any Nationalized Bank or Demand Draft in favour of Project Officer, UREDA payable at Uttarkashi along with its offer. The earnest money/security amount of un-successful offers shall be refunded within 15 days.

The Earnest Money/Security Amount of successful bidder will be refunded after the completion of works.

5. FORCE MAJEURE

5.1 Notwithstanding the provisions of clauses contained in this deed; the contractor shall not be liable for forfeiture of its performance security, liquidated damages, termination for default, if he is unable to fulfill his obligation under this deed due to force majeure circumstances.

5.2 For purpose of this clause, "Force majeure" means an event beyond the control of the contractor and not involving the contractor's fault or negligence and not foreseeable, either in its sovereign or contractual capacity. Such events may include but are not restricted to Acts of God, wars or revolutions, fires, floods, epidemics, quarantine restrictions and fright embargoes etc. Whether a "Force majeure" situation exists or not, shall be decided by the Director of UREDA & his decision shall be final and binding on the contractor and all other concerned.

5.3 If a force majeure situation arises, the contractor shall notify UREDA in writing promptly (at the most within 10 days from the date such situation arises). After examining the cases UREDA shall decide and grant suitable addition time for the completion of the work.

5.4 For other justified cases also, not covered under force majeure conditions, UREDA may consider the request of contractor and additional time for completion of work may be granted.

6. QUALITY, WARRANTEE/ GUARANTEE

The contractor shall warrant the works, equipments as per applicable standards of quality. Anything to be furnished shall be new, free from all defects and faults in material and workmanship. The manufacture shall be in accordance with the specified technical parameters and should be of the highest grade and consistent with established and generally accepted standards for material. It shall be in full conformity with the drawing or samples if any and shall operate properly if operable.

6.1 After erection of the Equipment/plant at site, the contractor shall ensure satisfactory performance of the equipments for a period of time as specified in the scope of work.

6.2 The contractor shall rectify defects developed in the Systems/Report within Warrantee/ Guarantee period promptly. In case the contractor does not rectify the defects within 10 days of the receipt of complaint, UREDA may restore the System in working condition on contractor's expenses.

6.3 Frequent and unjustified delays in rectifying defects may lead to cancellation of the contract, recovery of losses and imposing of additional penalty. In such circumstance UREDA shall have the full liberty to recover the losses/penalty from the contractor pending claims, security deposit or in other law full manner. The amount of losses/penalty shall be decided be Director UREDA and will be binding on the contractor.

7. TRANSPORTATION

The contractor is required to deliver the required goods/equipments at site of works as defined in the scope of work.

8. DEMURRAGE WHARFAGE, ETC

All demurrage, wharf age and other expenses incurred due to delayed clearance of the material or any other reason shall be on the account of the contractor.

9. INSURANCE

9.1 The goods supplied under the contract shall be fully insured against loss or damage incidental to manufacture or acquisition; transportation and the expenses shall be borne by the contractor.

9.2 The contractor shall arrange security & storage of their materials to avoid any theft or losses during execution of work. UREDA will, in no case, shall be responsible for providing any security/storage for the materials & equipments lying at site during execution of work. Under the contract contractor shall be responsible for any loss or damage until the systems/ supplies are taken over.

10. LIABILITY FOR ACCIDENTS AND DAMAGES

During the Warrantee/ Guarantee period, the contractor shall assume all responsibilities for direct damages covering all type of accident, injury or property damage caused by manufacturing defects or faulty erection on the systems.

11. DUTIES AND TAXES

The rates/ prices mentioned in the price-schedule include all applicable taxes, duties & surcharges. No additional payments shall be made by UREDA on this account.

12. LOCAL CONDITIONS

12.1 It will be imperative on contractor to have full information of all local conditions and factors which may have any effect on the execution of the works. The contractor shall be deemed to have collected all the relevant information regarding the proposed place of works/ site, its local environment, approach road and connectivity etc. and be well acquainted with actual working and other prevailing conditions.

12.2 If required, the contractor should pre-visit the site before starting the work. UREDA shall not entertain any request of contractor for clarifications related to such local conditions and shall bear no responsibility in this regard.

13. TERMINATION FOR DEFAULT

UREDA without prejudice to any other remedy for breach of contract, by written notice of default sent to the contractor, may terminate the contract in whole or in part:

13.1 If the contractor fails to deliver the Services within the allocated time period(s).

13.2 If the contractor fails to perform any other obligation(s) under the contract. However in the event of termination of the contract in part, the contractor shall continue performance of the contract to the extent not terminated.

14. TERMINATION FOR INSOLVENCY

UREDA may at any time terminate the contract by giving written notice to the contractor without compensation to the contractor if he becomes bankrupt or otherwise insolvent, provided that such termination will not prejudice or affect any right of action or remedy, which has accrued or will accrue thereafter to UREDA.

15. TERMINATION FOR CONVENIENCE

UREDA may vide a written notice sent to the supplier; terminate the contract, in whole or in part at any time for its convenience. The notice of termination shall specify that termination is for the purchaser's convenience in the interest of UREDA.

16. OTHERS CONDITIONS

The contractor shall not transfer, assign or sublet the work under this contract or any substantial part thereof to any other party without the prior consent of UREDA in writing.

1. UREDA may at any time either stop the work all together or reduce or cut it down by sending notice in writing to the contractor. If the work is stopped all together, the contractor will only be paid for work done and expenses distinctly incurred by him as on preparation or the execution of the work up to the date on which such notice is received by him. The decision of UREDA regarding assessment of such expenses shall be final and binding on the contractor. If the work is cut down, the contractor will not be paid any compensation what to ever for the loss of profit which he might have made if he had been allowed to complete all the work awarded to him.

2. Fulfillment of various requirements, not particularly mentioned in the specifications or drawings but necessary for satisfactory and proper completion of the work shall be the contractor's responsibility within the prices offered by him. But additional works beyond the scope and essence of this contract shall be carried out by the contractor as extra items. For such works the rates shall be decided by UREDA and shall be binding on the contractor.

3. Work carried out without UREDA's approval shall not be accepted and UREDA shall have rights to get it removed and to recover the cost so incurred from the contractor.

4. The contractor shall not display the photographs of the work and not take advantage through publicity of the work without written permission of UREDA.

5. The contractor shall not make any other use of any of the documents or information of this contract, except for the purposes of performing the contract.

6. UREDA will not be bound by any Power of Attorney granted/ issued by the contractor or by any change in the composition of the firm made during or subsequent to the execution of the contract. However recognition to such Power of Attorney and change (if any) may be given by UREDA after obtaining proper legal advice, the cost of which will be chargeable to the contractor concerned.

17. STATUTORY ACTS

17.1 All legal formalities/clearances are to be obtained by the contractor regarding the execution of the said work.

17.2 In respect of all labour directly or indirectly employed on the work by the contractor, the contractor shall comply with all the provisions of hiring the contract labour and rules of State/ Central Government or any other authority framed from time to time. The rules and other statutory obligations in this regard will be deemed to be the part of this contract.

17.3 The contractor shall comply with the all the Acts & rules and regulations, laws and by-laws framed by State/ Central Government/ organization in whose premises the work has to be done. UREDA shall have no liabilities in this regard.

18. APPLICABLE LAW

The contract shall only be interpreted under Indian laws. The station of UREDA

Headquarter Dehradun shall have exclusive jurisdiction in all matters arising under this contract.

19. RESOLUTION OF DISPUTES / ARBITRATION

- 19.1 The purchaser and the supplier shall make every effort to resolve any disagreement or dispute arising between them under or in connection with the contract, amicably by direct informal negotiation.
- 19.2 If after thirty (30) days from the commencement of such informal negotiations, the purchasers and the supplier are unable to resolve a contract dispute amicably; the matter may be referred in writing by either party to the sole arbitration of the Chairman of UREDA, Dehradun or to a person nominated by him.
- 19.3 Subject to aforesaid, the arbitration and conciliation Act 1996 and rules made thereafter or any statutory modifications thereof for the time being in force shall be deemed to apply to the arbitration proceedings. Under this cause, the 'Award' given by the Arbitrator shall be binding on all the parties. The contractor shall not have right to challenge the Award.
- 19.4 Work under the contract shall if reasonably possible, continue during the arbitration proceedings and dues if any, payable by UREDA to the contractor with respect to the work not in dispute shall not ordinarily be withheld on account of such proceedings unless it becomes necessary to withhold the same.
- 19.5 The proceedings, if any, in relation to the arbitration referred to above, shall be held by the arbitrator aforesaid at Dehradun and courts at Dehradun shall have jurisdiction to entertain and decide the matter involved.
- 19.6 No decision given by the officer in charge of the work under this contract, in accordance with the forgoing provisions shall disqualify him as being called as a witness or giving evidence before the arbitrators on any matter whatsoever relevant to the dispute of difference referred to the arbitrator as aforesaid.
- 19.7 In case during the Arbitration proceedings the appointed Arbitrator becomes unable, due to any reason whatsoever, to continue with the proceedings or making of Award; it will be prerogative of UREDA to nominate any other person as sole Arbitrator instead thereof. The contractor shall not raise any objection to such appointment having been made by UREDA.
- 19.8 The High court of Uttarakhand at Nainital or Courts subordinate to it as the case may be, shall alone have jurisdictions to the exclusion of all other courts.

20. NOTICES

- 20.1 Any notice to be given by one party to the other, pursuant to the contract shall be sent in writing. A notice shall be effective when delivered or from the effective date mentioned in the notice, whichever is later.
- 20.2 Notices, statements and other communications sent by UREDA to the contractor at his specified addresses through registered post/ email/ fax shall be deemed to be delivered to the contractor.

21. APPLICATION

These general conditions shall apply to the extent that provisions in other parts of the contract do not supersede them.

22. PAYMENT TERMS

- (i) 70% payment will be released after preparation and submission of draft DPR.
- (ii) Balance 30% payment will be released after submission of final DPR (after duly incorporation of comments received on Draft DPR) in 3 Hard Copies and one CD.

SCOPE OF WORK

Small hydro projects Harsil, Block Bhatwari Distt Uttarkashi (2x100 KW) have been taken over by UREDA from Uttarakhand Jal Vidyut Nigam Ltd. This Project was constructed long back and requires various renovation activities such as repairs of related civil structures, electro mechanical equipments, controls, substations & T&D Lines etc.

Scope of the upgradation (if required) of the above projects has to be worked out and added as the part of, in the detailed project reports.

To take up this work, Detailed Project Reports for the above stated Small Hydro Power Projects are to be prepared and completed strictly in accordance to the MNRE, Govt. of India norms and guidelines for the renovation/modernization of the SHPs.

I. The following aspects should be covered in the detailed project report.

1. Salient Features
2. Location and Scheme of development.
3. Hydrological design of the scheme.
4. Geological Survey Report
5. Water power/Water Discharge studies
6. Technical features of the project.
7. Details of civil works including Intake structure, power channel, gates, trashracks Penstock pipe with anchor/ Saddle blocks, Powerhouse buildings, Spillway, Tailrace Channel for renovation, Protection work in power channel, side Development work etc.
8. A detail of all components of Electromechanical works like Turbine, Generator, Auxiliaries, Controls, protection and Metering equipment for Renovation.
9. Power evacuation System
10. Construction Methodology.
11. R&M Programme.
12. Possibility of uprating of capacity / capacity as per present situation.
13. Modernisation for technology benefits.
14. Synchronization with 11 kv. Line report.
15. Cost estimates, Generation cost.
16. Economic & financial analysis.
17. Detailed Project Report for Staffroom / Operator room Building.
18. Detailed Report for Staffroom/ Operator room Electricity, Water supply. Sanitation Arrangement etc.

II. The Hydrological design and drawing of all civil structures such as Diversion, Feeder Channel, Power Channel, Forway Tank, Power House, Switch yard, Tailrace and all Protection Work etc.

1. Index Map
2. Flow duration
3. Layout of works
4. L- section and X section of all civil works.
5. Plan & Sections of Power house
6. Single line diagram of Electrical arrangements
7. Any other relevant Drawings.

III. Presentation.

Draft reports in 3 copies and after approval final report shall be submitted in 5 Copies with CD.

Price schedule / Financial Bid

TENDER NO. 181 /UREDA/Harsil MH Reno. /2014-15

Sl No	Description of Works	Qty	Rate	Cost in Rs
	Preparation of Detailed Project Report for Renovation, Modernization and up gradation of Followings Small Hydro Power Projects as per the scope of the work			
1.	Small Hydro Power Projects situated at Harsil, Block Bhatwari Distt Uttarkashi (2x100 KW)	one Job		
Total Rs.				

Note – The quoted price should be including all taxes and duties.

Total Rs.

Signature and seal
of Tenderer

Uttarakhand Renewable Energy Development Agency (UREDA)
Room No-107 Vikash Bhawan Ladari
Distt-Uttarkashi
PH & FAX No . 01374 -222538 , E-mail: ureda_uki@gmail.com

Tender Notice No. 181 /UREDA/Harsil MH Reno. /2014-15

Sealed tenders are invited from experienced Firms /Consultants/ contractors for preparation of detailed project reports for Renovation , Modernization and up gradation of Small Hydro Power Projects situated at Harsil, Block Bhatwari Distt Uttarkashi (2x100 KW) The tender document can be obtained from above mentioned office of the undersigned, during office hours on any working day from 27.7.2014 to 16.08.2014 by paying the cost of tender document of Rs.950.00 (Non-refundable) through bank draft in favour of UREDA Project Uttarkashi. The last date of submission is 19.8.2014. The undersigned reserves the rights to reject any or all the tenders in full or parts without assigning any reason.

Project Officer UREDA Uttarkashi