



अगर सचो सचो नीयत

कार्यालय अधीक्षण अभियन्ता
परियोजना मण्डल जमरानी, हल्द्वानी
Office of Superintending Engineer, Project Circle Jamrani, Haldwani

E-mail: se.twchaldwani@gmail.com

सेवा में,

महानिदेशक

सूचना एवं लोक सम्पर्क विभाग

सूचना भवन, मसूरी बाइपास, रिंग रोड, दून हिल कालोनी

लाडपुर, उत्तराखण्ड, देहरादून।

पत्रांक 311 / पमजह / टी-6

दिनांक 11 फरवरी, 2020

विषय: अल्पकालीन निविदा संख्या 03/SE/2019-20 के प्रकाशन के सम्बन्ध में।

महोदय,

कृपया इस कार्यालय की अल्पकालीन निविदा संख्या 03/SE/2019-20 का प्रकाशन उत्तराखण्ड में प्रकाशित होने वाले किन्हीं दो राज्य स्तरीय हिन्दी दैनिक प्रमुख समाचार पत्रों में करने की कृपा करें।

कृपया सम्बन्धित समाचार पत्रों की एक प्रति जिसमें निविदा सूचना प्रकाशित हुई है, इस कार्यालय को भी उपलब्ध कराने की कृपा करें। उक्त निविदा सूचना की प्रति संलग्न है। यह पत्र निविदा सूचना की प्रति सहित ई-मेल के द्वारा प्रेषित किया जा रहा है। कृपया पावती स्वीकार करें।

संलग्न: उपरोक्तानुसार

भवदीय

(संजय शुक्ल)

अधीक्षण अभियन्ता

पत्रांक / पमजह / टी-6 / तददिनांक

प्रतिलिपि निम्नलिखित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित है।

1. आयुक्त एवं सचिव मा0 मुख्यमंत्रीजी, कुमाऊँ मण्डल, नैनीताल।
2. प्रमुख अभियन्ता, सिंचाई विभाग उत्तराखण्ड, देहरादून।
3. मुख्य अभियन्ता (स्तर-2), सिंचाई विभाग उत्तराखण्ड, हल्द्वानी।
4. मुख्यअभियन्ता (स्तर-2), सिंचाई विभाग उत्तराखण्ड, अल्मोड़ा।
5. जिलाधिकारी, नैनीताल।
6. अधीक्षण अभियन्ता, सिंचाई कार्य मण्डल, हल्द्वानी/ उधमसिंहनगर/ अल्मोड़ा/ पिथौरागढ़ / नलकूप मण्डल, हल्द्वानी/ अल्मोड़ा।
7. अधिशासी अभियन्ता, जमरानी बांध निर्माण खण्ड-2, हल्द्वानी/ सिंचाई खण्ड, हल्द्वानी/ नैनीताल/ रामनगर/ काशीपुर/ रुद्रपुर/ सितारगंज।
8. नोटिस बोर्ड।

(संजय शुक्ल)

अधीक्षण अभियन्ता



कार्यालय अधीक्षण अभियन्ता
परियोजना मण्डल जमरानी, हल्द्वानी
Office of Superintending Engineer, Project Circle Jamrani, Haldwani

E-mail: se.twchalawani@gmail.com

SHORT TERM TENDER NOTICE NO. – 03/SE/2019-20, Dated : 12.02.2020

REQUEST FOR PROPOSAL (RFP)

ASSIGNMENT TITLE : Tender Stage Technical & Management Assistance for Proposed Jamrani Dam Multipurpose Project on Gola River, Haldwani, Nainital, Uttarakhand..

On behalf of Hon'ble Governor of Uttarakhand, sealed bids are invited from all the interested eligible Consultants/Firms for the above said assignment.

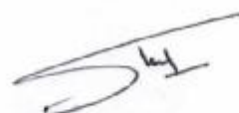
Note: The RFP documents and TOR(Terms of Reference) can be requested by Email from the office of the Executive Engineer, Jamrani Construction Division-2, Haldwani, Nainital, Uttarakhand eejcd3@gmail.com and can also be downloaded from the website of Uttarakhand Irrigation Department, <http://www.uttarakhandirrigation.com>. Corrigendums to this notice if any shall only be uploaded on the above website.

KEY DATES

Date of calling Bid	12.02.2020
Pre Bid meeting	01.03.2020 at 11:00 AM at the office of Superintending Engineer, Project Circle, Jamrani, Haldwani.
Submission start date	25.02.2020 from 11:00 AM
Submission end date	13.03.2020 upto 3:00 PM
Date of opening of Technical bid	14.03.2020 from 11:00 AM
Date of Financial bid opening	14.03.2020 from 3:00 PM

For further details please contact Executive Engineer, Jamrani Dam Construction Division-2, Haldwani from date 12.02.2020 to 23.02.2020, on working days from 10.00 AM to 5.00 PM. Sri Sanjay Singh, Assistant Engineer of the above division, Mob. No. 8800455707 can also be contacted in this regard.

Note : This RFP is being invited in anticipation of sanction from the Govt of Uttarakhand.


Superintending Engineer
Project Circle Jamrani, Haldwani



REQUEST FOR PROPOSAL

**From
Interested Eligible Organisation/Firms
For**

**Consultancy Services for Tender Stage Technical & Management Assistance for Proposed Jamrani
Dam Multipurpose Project on Gola River, Haldwani, Nainital, Uttarakhand..**

**Superintending Engineer
Project Circle Jamrani, Haldwani
Uttarakhand Irrigation Department**

Consultancy Services for Tender Stage Technical & Management Assistance for Proposed Jamrani Dam Multipurpose Project on Gola River, Haldwani, Nainital, Uttarakhand.

1.0 INTRODUCTION

In the age of climatic change Government of Uttarakhand is committed to mitigate its effect by adopting a strategy to give priority to water harvesting / water storage structures to counter the water scarcity issues and cater the growing demand of water for drinking, irrigation, industrial and other purposes.

The Govt. of Uttarakhand has time to time given directions to prepare proposals for finding possibilities of constructing reservoirs on Rivers of the state to store the surface water during monsoon season to overcome the problems of irrigation, drinking water and harvesting of rain water for the improvement of water resources and ground water table. Artificial lakes are also site of attraction for tourists and can also be used for water sporting activities. By constructing reservoir on the rivers, the local tourism and fisheries might also be promoted.

Location of proposed site:

The project envisages 130.60 m high concrete gravity dam . The proposed dam axis is located at Lat. 29° 16' N; Long. 79 ° 37' E

Project Features & objectives

Uttarakhand Irrigation Department has planned to utilize the water resources of Gola river by constructing a dam on river Gola, Distt Nainital (Uttarakhand) for providing irrigation benefits to additional 57065 ha of command area located in Uttarakhand and UP over 78786 ha being irrigated at present. Apart from this the dam is to augment the drinking water needs for the ever increasing population of Haldwani which faces acute water crisis during summer months. In addition a small hydropower unit for generating 14 MW power is also being included in the project.

The project envisages construction of a dam 130.60 meters high on Gola river upstream of existing Gola barrage, located about 10 Km upstream of Kathgodam in Nainital district of Uttarakhand. A part of stored water shall be released into the existing canal systems constructed during Phase-I of the project to meet the irrigation and drinking water requirements. By construction of the dam some of the water will seep into the ground and will supplement the ground water table which, in turn, will enhance the output of tube wells in the vicinity and Storage of water will help in recharging the ground water and augmentation of natural water sources in downstream. Tourism and Fisheries may also be developed.

2.0 SALIENT FEATURES OF THE PROJECT

Salient Feature of Jamrani Dam Multipurpose Project

I. General

1. Latitude	29°16' 12.50" N
2. Longitude	79°36' 43.92" E
3. Topo-map	65 E / 12
4. Location	10 Km upstream of Kathgodam in Nainital District, Uttarakhand,
5. Village	Jamrani
6. Tehsil	Haldwani
7. District	Nainital
8. State	Uttarakhand
9. Name of the river	Gola
10. Name of Basin	Ganga
11. Catchment Area of dam site	450 Km ²

II. Hydrology

1. Average Annual Rainfall	2016 mm
2. Average Annual yield at dam site	
a. 50% Dependable year	393.31MCM
b. 75% Dependable year	283.06 MCM
3. Flood	
a. Probable Maximum Flood	8427Cumec
b. Diversion Flood	500 Cumec (for hydrology Design)

III. Dam and Spillway Arrangements

1. Type	Roller Compacted Concrete Gravity Dam
2. Length at Crest	480 m
3. No. of Span	25 No. (23 No. 17.00 m and 1 No. 18.5 m & 24.00 m each)
4. Max height above deepest Foundation level (Elev. - 615m)	150.60 m
5. Crest of Spillway	716.00 m
6. Width at top	10 m
7. Cistern length under Sluice / Spillway	30.50 m
8. Top of width	10 m
9. Top of bund level	765.60m
10. Type of gate	Radial type
11. No. and size of gate	4 No. 8 m (W) x 12 m (H) for gate Spillway and 2 no. 5 m (W) x 7.5 m (H)

12. Crest level	For under sluice 716.00 m for gated Spillway And 701.00 m for under sluice
13. Discharge passing	6536 Cumec for Spillway and 2036 Cumec for under sluice
14. Location	Block No.12 to 15, Block16 to 17
15. Free board	2 m above MWV

IV. Energy Dissipation Arrangement

1. Type	Trajectory Bucket type
2. Invert Level of bucket(for Spill way and under sluice)	666 m
3. End sill elevation of lip(for Both spill way and under sluice)	712 m

V. Diversion Arrangement

1.Type	House shoe shaped
2.Diameter	1 No. 6.5 m dia.
3.Length	565 m on right bank of Gola river
4.Lining	Concrete (M20 grade)
5.Invert level (inlet)	639.0 m
6.Invert level (outlet)	632.0 m
7.Upstream coffer dam	15 m high (rock fill type with concrete Lined upstream face)
a. Top width	6 m
b. Upstream slope	1.4 H : 1 V
c. Downstream slope	1.4 H : 1 V
8.Downstream coffer dam	7 m high (Rock fill type with concrete Lined downstream face M 15 grade)
a. Top width	7 m
b. Upstream slope	1.4 H : 1 V
c. Downstream slope	1.4 H : 1 V
9.Diversion design flood	500 Cumec

VI. Reservoir

1.Top dam level	765.60 m
2.Max water level	763.60 m
3.Full reservoir level	762.00 m
4.M.D.D.L	717.47 m
5.River bed level	635.00 m
6.Gross Storage (at El. 762.00 m)	208.60 MCM
7.Live Storage	142.72 MCM

8. Dead Storage	65.88 MCM
9. Submergence Area (at El. 762.00 m)	428.57 Ha at El. 762.00m

VII. Intake

1. Type	Bell mouth entry type (2 Nos.)
2. Centerline of intake	713.80 m
3. Dia. of Intake	2.0 m
4. Height of trash rack opening	6.18 m
5. Crest level	712.80 m
6. Size of intake gate	1.66 m (W) x 2 m (H)
7. Design Discharge	7.22cumec
8. Silt excluder bottom outlet	2 Nos. each of size 5 m (W) x7.5 m (H)
9. Invert of under sluice	701 m

VIII. Penstock

1. No of penstock	2 Nos. bifurcating into 2 penstock each of 1.2 m diameter to serve vertical Francis Turbine
2. Length (upto D line of power House)	155.0 m
3. Diameter	1.7 m for 2 Nos. and 1.2 m for 4 Nos.

IX. Power House

1. Location	On right bank
2. Type	Surface
3. No of size of units	4 Nos.
4. Type of turbine	Vertical Francis turbine
5. Installed capacity	4 x 3.5 MW
6. Net design head	106.82 m
7. Design discharge for one unit	3.61 Cumec
8. Size of power house	55.30 m x 14.0 m x 23.0 m
9. Minimum tail water level	632.00 m
10. Normal tail water level	642.00 m

X. Tail Race Channel

1. Total Length of TRC	26 m
2. Size	30 m (W) x 6 m (H) Rectangular
3. Bed Grade	4 H : 1 V
4. Type of Lining	P.C.C.

XI. Power of Generation

1. Firm Power	1.4 MV
2. Load Factor	52.94%
3. Annual Energy Generation	63.4 MU (Dependable Year)

XII. Kathgodam Barrage

1.Length	81.00 m
2.Crest level of other bays	506.50 m
3.Crest level of sluice bays	506.50 m
4.Bad level of river downstream	502.00 m
5.Design discharge	32.50 Cumec
6.Pond level	510.75 m

XIII.Irrigation

1. CCA	150027 Ha
2. Area being irrigated at present	238317 Ha
3. Further area proposed to be irrigated	57065 Ha
4. Total irrigated Area	295382 Ha
5. Existing average intensity of irrigation	158.85 %
6. Proposed average intensity of irrigation	196.88 %
7. Total requirement of water for irrigation	416.30 MCM

XIV. Rehabilitation & settlement

a. No of trees more than 20 cm in dia.	22,464
b. No of villages affected	6
c. No of family affected	426
d. No of population affected	1125

XV. Demand for drinking water

@ 117 mld for 10.65 lac population projected for the year 2051	42.70 MCM/ yearly
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XVI. Forest land required 351.55 ha

XVII. Approved Cost of Project 2584.10 Crores

XVIII. Construction Period 05 years

3.0 Submission of Bids:-

- **Date of release of Request for proposal through notice is 11/02/2020**

Availability of Bid Documents and mode of Submission: -The bid documents and TOR(Terms of Reference) are available in the Office of The Executive Engineer, Jamrani Construction Division-2, Irrigation Department Uttarakhand, Haldwani and can also be downloaded from the website of <http://www.uttarakhandirrigation.com>.

- A pre bid meeting shall be held on 01/03/2020 with the Executive Engineer and Superintending Engineer in the office room of Superintending Engineer, Project Circle, Haldwani in which consultants may make a PPT to discuss methodology and other issues related to the task. In the pre bid documents related to the dam like various Clearances, Studies, reports may be seen to ascertain any modifications related to scope of work i.e. need for revision of Dam Break analysis, wit inundation mapping and reservoir induced seismicity etc. Interested firms can seek clarifications during the meeting.
- Technical bid as well as Financial proposal shall be opened on 14/03/2020 at dates mentioned in RFP notice by the prescribed committee, in the presence of tenderers who wish to be present, in the office of Superintending Engineer, Project Circle, Jamrani, Haldwani.
- Bids shall remain valid for a period not less than 90 days from the last date of receipt of Bid. Certifying the validity of the quoted rates and acceptance of conditions of the bid, shall be given by the bidder on non judicial stamp paper of Rs.100.00 duly signed on Re-1.00 revenue stamp affixed on it.
- Superintending Engineer, Project Circle Jamrani has the right to accept or reject any or all the proposals without assigning any reasons thereof.
- The technical as well as financial proposal shall be submitted separately in sealed covers mentioning technical & financial proposal on the cover, in the office of undersigned before the closing date.
- Conditional bid shall be liable to be rejected.
- For any queries and clarification bidders may contact the following officers of Irrigation Department in office hours or via email as given below-
 1. Executive Engineer , Jamrani Construction Division-2, Haldwani Mobile- 9719477071, [Email- eejdcd3@gmail.com](mailto:eejdcd3@gmail.com)
 2. Assistant Engineer Jamrani Construction Division-2, Haldwani Mobile- 7599999777, [Email- eejdcd3@gmail.com](mailto:eejdcd3@gmail.com)

4.0 Eligibility Criteria

The lead bidder or its associate should meet the following eligibility requirements. In case lead bidder is bidding in association with another firm, a specific authorisation letter from the associate shall be submitted with the bid.

1. The bidder or its associate should have carried out consultancy work in the field of design of dams and water resources projects for at least 5 years.
2. The bidder or its associate should have completed a consultancy work of not less than Rs 1 Cr in the field of design of dams and water resources projects.
3. Average annual turnover of the bidder or its associate during last 3 years should be more than Rs 1 Cr. Bidders can use provisional turnover of the current financial year also provided they have the requisite proof of the same.
4. The bidders or its associate should have a team of professionals in the related field. The signed CVs of key professionals shall be submitted along the bid.
5. As the assignment envisages technical and managerial service related to the project of highest quality, the position of Senior Technical Expert is crucial
Essential Minimum Qualifications of the Senior Tehnical Expert are :
 - i. The expert should be minimum M.Tech/M.E in water resources related field.
 - ii. The expert should have a minimum experience of 20 years and 7 years in Government sector and private sector respectively in water resources sector.

- iii. The expert should not be more than 56 years of age at the time of bidding.
- iv. The expert should be well versed with the regulatory framework of large water resources projects in India including environment, dam safety, inter state water sharing, clearances from CEA/CWC/GSI/CSMRS/MoEF etc.
- v. Experience in implementing an externally aided project in the water resources sector is desirable and experience of making presentations to the international funding agencies.
- vi. The expert should be well versed with the construction aspects of large concrete dams and irrigation projects.
- vii. The expert should have previous experience of handling water resources projects in Uttarakhand at the planning/ clearance stage.
- viii. The expert should have experience in dam safety field.
- ix. Well versed in Government Procurement policies and General Financial Rules (GFR).
- x. Well acquainted with the functioning of Government/Ministries.

6. The bidder or its associate should have a well qualified team of designers and professionals. The bidders should submit the signed CVs of following key professionals

Sl No	Professional	Qualification Required	Required Experience
1	Senior Technical Expert	As given in Para 5 above	As given in Para 5 above
2	Design Expert (Concrete Dam)	BE/ME in Civil Engineering/ Water Resources related field.	Should have minimum experience of 25 years in the field of design of dams and power house
3	Design Expert (Hydro-Mechanical)	BE/ME in Mechanical Engineering	Should have minimum experience of 20 years in the design of spillway gates
4	Design Expert (Electro-Mechanical)	BE/ME in Electrical Engineering	Should have minimum experience of 20 years in the design of hydro power houses

Note- The bidder shall deploy the additional relevant domain specialist including from geology, GIS etc for tender stage design and drawings on requirement basis.

The evaluation of bids of the eligible bidders shall be based on QCBS method. Tehnical proposal shall be given a weightage of 80% and financial bid shall be given a weightage of 20%. Technical Evaluation shall be based on the quality of CVs of the key professionals. The marks assigned to various positions are as below:

Sl No	Key Professional	Marks assigned
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1	Senior Technical Expert	70
2	Design Expert (Concrete Dam)	15
3	Design Expert (Hydro-Mechanical)	10
4	Design Expert (Electro-Mechanical)	5

7. The provisions of **TOR** shall be subject to amendment if required in future.

5.0 PROCEDURE FOR SUBMISSION OF BIDS

Bidding firms shall submit the technical as well as financial proposal in hard copy at the office of undersigned. The two parts of bid submitted shall be captioned as follows on the respective envelopes:

Part 1: Technical Proposal

Part 2: Financial Proposal.

PART 1: TECHNICAL PROPOSAL

Applicants shall submit the application comprising of the following documents in the formats as given in Statement-I to V, Enclose the documents supporting the eligibility criteria. In addition to this, methodology to be adopted must also be submitted.

PART 2: FINANCIAL PROPOSAL

It shall be submitted in the format as given in RFP form.

1. The Rates/Amount shall be quoted both in figure and in words. In case where rates not written in figures or illegible or different than written in words, the rates written in words shall be taken into account.
2. Applicants should quote rates exclusive of applicable taxes. All applicable taxes shall be mentioned separately.

6.0 Evaluation

6.1 Evaluation of Technical Proposals

6.1.1 The Technical Proposal will be evaluated on the basis of Applicant's Key Personnel criterion and experience. The total proposal shall be 200 marks of which 100 shall be assigned to Technical bid.

6.1.2. The scoring criteria to be used for evaluation shall be as follows:

Item Code	Parameter	Max. Marks	Criteria
1	Key personnel's Qualification and experience	100	A minimum of 80 marks is required for being eligible in Technical Evaluation

6.2. Short-listing of Applicants

All the applicants ranked as aforesaid, shall be short-listed for financial evaluation in the second stage. However, if the number of such pre-qualified Applicants is less than two, the Authority may, in its sole discretion, pre-qualify the Applicant(s) whose technical score is less than 80 marks ; provided that in such an event, the total number of pre-qualified and shortlisted applicants shall not exceed two.

6.3 Evaluation of Financial Proposal

- 6.3.1. In the second stage, the financial evaluation will be carried out and each Financial Proposal will be assigned a financial score (SF).
- 6.3.2. Financial Proposal of only those firms who are technically qualified shall be opened in the presence of the representatives of technically qualified Applicants who choose to attend. The Total Cost in the Financial Proposal in Form-2 of Appendix –II (Financial Proposals) will be considered for final evaluation as the financial proposal (FM).
- 6.3.3. The Technical Committee appointed by the Authority will determine whether the Financial Proposals are complete, unqualified and unconditional. The cost indicated in the Financial Proposal shall be deemed as final and reflecting the total cost of services. Omissions, if any, in costing any item shall not entitle the firm to be compensated and the liability to fulfil its obligations as per the TOR within the total quoted price shall be that of the Consultant. The lowest Financial Proposal (FM) will be given a financial score (SF) of 100 marks. The financial scores of other proposals will be computed as follows

$$SF = 100 \times (FM/F)$$

(F = amount of Financial Proposal)

6.4. Combined and final evaluation

- 6.4.1. Proposals will finally be ranked according to their combined technical (ST) and financial (SF) scores as follows

$$S = 0.8 \times ST + 0.2 \times SF$$

Where S is the combined score, Technical Proposal and Financial Proposal shall be of weightage 80 % and 20% respectively.

- 6.4.2. The Selected Applicant will be the first ranked Applicant (having the highest combined score). The second ranked Applicant shall be kept in reserve. The second ranked Applicant shall be invited for negotiations in case the first ranked Applicant withdraws, or fails to comply with the requirements specified by the department.
- 6.4.3. Applicant with top combined score will be considered for award.

7.0 Award of Contract

1. The firm qualified in technical bid as well as financial bid would be considered for the award of the Contract, decision of which shall be the sole discretion of Irrigation Department. Negotiations regarding the various component of work shall be done if required. Negotiations will include a discussion on the Technical Proposal, the proposed technical approach and methodology, work plan, and organization and staffing, and any suggestions made by the firm to improve the Terms of Reference. The Client and the firm will finalize the Terms of Reference, staffing schedule, work schedule, logistics, and reporting. These documents will then be incorporated in the Contract document. Special attention will be paid to clearly defining the inputs and facilities required from the department to ensure satisfactory implementation of the assignment. The department shall prepare minutes of negotiations which will be signed by the department and the firm
2. Negotiations will conclude with a review of the draft Contract. To complete the negotiations the department and the firm will initial the agreed Contract.
 - a. The aim would be to reach an agreement on all points, clarification on taxes and initiate a draft contract at the conclusion of negotiations.
 - b. Changes agreed upon will then be reflected in the draft contract.
3. Detailed contract would be executed with the bidder who qualifies all the Features/Terms and Conditions of this RFP document, after negotiations.

8.0 CONTRACT PERFORMANCE GUARANTEE / SECURITYDEPOSIT

A contract performance guarantee is intended to secure the performance of the entire contract. The Contract Performance Guarantee shall be submitted at the time of award of work. Performance Guarantee for the execution of the contract shall be 5% each of the Tendered cost and this amount shall be submitted within 07 days of receipt of Letter of Acceptance (LOA) by the successful Applicants in the form of FDR from Nationalized Bank/ Scheduled bank. The deposit shall be pledged in the name of The Executive Engineer, Jamrani Dam Construction Division-2, Haldwani .Contract Performance Guarantee shall be released/returned after successful completion of the contract.

9.0 ARBITRATION CLAUSE

Any Dispute arising regarding execution of this assignment shall be resolved by The Chief Engineer, Level-2, Irrigation Department, Haldwani, Uttarakhand who's decision shall be final and binding on both of the parties.

10.0 Bid Security

- 10.1 The Applicant shall furnish as part of Proposal, a Bid Security of Rs. 280,000 (Rupees Two Lakh Eighty Thousand Only) in the form of a FDR issued by one of the Nationalized/ Scheduled Banks in India in favour of the Executive Engineer, Jamrani Dam Construction Division-2 payable at Haldwani (the "Bid Security"), returnable not later than 60 (Sixty) days from date of invitation of this bid except in case of the two highest ranked Applicants. In the event that the first ranked Applicant commences the assignment the second ranked Applicant, who has been kept in reserve, shall be returned its Bid Security forthwith, but in no case later than 90 (Ninety) days from date of invitation of this bid. The Selected Applicant's Bid Security shall be returned, upon the Applicant signing the Agreement for the Consultancy in accordance with the provisions thereof.
- 10.2 Any Bid not accompanied by the Bid Security shall be rejected by the Authority as non- responsive.

10.3 The Authority shall not be liable to pay any interest on the Bid Security and the same shall be interest free.

10.4 The Applicant, by submitting its Application pursuant to this RFP, shall be deemed to have acknowledged that without prejudice to the Authority's any other right or remedy hereunder or in law or otherwise, the Bid Security shall be forfeited for inter alia, the time, cost and effort of the Authority in regard to the RFP including the consideration and evaluation of the Proposal.

11.0 Proposal Processing Fee

The Applicant shall furnish, as a part of each Proposal, a non-refundable proposal processing fee (the "Proposal Processing Fee") of Rs. 4,360/- (Rupees Four Thousand Three Hundred and Sixty Only) in the form of two separate Demand Drafts of Rs 4000.00 and Rs 360.00 respectively issued by any of the Nationalized/ Scheduled Banks in India in favour of the Executive Engineer, Jamrani Dam Construction Division-2, payable at Haldwani. Proposals not accompanied by the above fees shall be summarily rejected.

Note :

- The shortlisted firm shall enter agreement with the department, which shall be governed by Uttarakhand Procurement Rules 2017(available on website of UK Govt.), relevant Government orders and other relevant clauses included in Form ID111 &112 of Uttarakhand Irrigation Department.
- The time period for the task is 18 months. The consultant/firm shall provide a final report to the Irrigation Department, Uttarakhand.
- Final report shall be submitted to the department in six nos. hard copied as well as in soft copy, which shall be the property of The Irrigation Department, Government of Uttarakhand under copyright act.

Terms of Reference

Objectives of the assignment

The objective of this consultancy is to undertake preparation of detailed tender stage designs, drawings and tender documents for EPC contracting of proposed dam. It is also required from the Consultant to cater the queries raised from time to time to various stakeholders like the funding agency, State or Central Govt., various ministries of the State and Central Govt.

SCOPE OF WORKS(TOR)

- A) Tender Stage design and drawings and Tender Documents

The Department seeks the services of the services of the competent firms for preparation of tender documents for proposed Jamrani Dam Multipurpose Project scheduled to be constructed over Gola River at Jamrani Village in Bimtal block of Dist. Nainital. The Terms of Reference (the "TOR") for this assignment are specified below.

- I The Department seeks the services of competent firms for preparing Tender stage designs, drawings and tender documents for proposed Jamrani Dam Multipurpose project scheduled to be constructed over Gola river at Jamrani village in Bhimtal block of Distt Nainital. The Terms of Reference (the "TOR") for this assignment are specified below.
- II The Consultant shall carry out the detailed topographical surveys of the work area.
- III The Consultant shall prepare tender stage designs and drawings of the proposed dam and its appurtenant works (Diversion Tunnel, Coffor Dams, Power House, etc).
- IV The Consultant shall also plan the layouts of construction equipment as per the area available at site of work.
- V The Consultant shall also prepare tender documents for EPC contracting of various components of dam.
- VI Consultant shall liaise with concerned authorities and seek all required clarifications.
- VII The Consultant shall provide necessary assistance to the Authority to obtain the necessary (work related) clearances, if any, so that project implementation can proceed smoothly.
- VIII The Consultant shall mobilize all necessary survey equipment, computers, software and all other equipment required to fulfil the job.
- IX. The Department shall provide all necessary and reasonable support to the Consultant to collect secondary data by issuing authorization letters. The Consultant will be responsible for any translation of documents, if required and for processing of data.

B. General Technical and managerial assistance

1. General technical and managerial assistance to the project authorities including following
 - Advice the department on technical and regulatory issues referred.
 - Identify the conditions stipulated by various central agencies (CWC/CEA/GSI/CSMRS/MoEF/MOTA etc.) and state regulatory authorities in their clearances which need compliance and assist the client in complying with these conditions.
 - Preparation of reports and technical presentations required by the Department
 - Assist the client in presenting the case to various regulatory authorities and provide all technical help in obtaining the clearances
2. Attending the project related meetings at various locations.
3. Interacting with the prospective funding agencies on behalf of the client, making presentations, preparation of reports etc.

4. Any other related activity as envisaged by the project authorities.
These services are initially required for twelve months.

4. Deliverables

The Consultant shall deliver the following deliverables (the “**Deliverables**”) during the course of this Consultancy. Five hard copies and two soft copies in CDs/DVDs/Pen Drives of all the final reports, drawings, etc. shall be submitted to the Authority. For draft reports only three hard copies and one soft copy in CD/DVD/Pen drive shall be submitted to the Authority.

4.1 Inception Report

Within a period of 1 week of commencement of the Consultancy, the Consultant shall submit an Inception Report. The Inception Report shall include -.

- i. Project appreciation;
 - ii. Detailed methodology to meet the requirements of the TOR finalized in consultation with the Authority; including scheduling of various sub- activities to be carried out for completion of various stages of the work; stating out clearly their approach & methodology for project preparation after due inspection of the entire work area and collection/ collation of necessary information;
 - iii. Task Assignment and Manning Schedule;
 - iv. Work programme;
- 4.2 Submission of Draft Tender Stage drawings and designs of main dam and appurtenant works (Diversion Tunnel, Cofferdams, Power House etc)
- 4.3 Submission of Draft Tender Document for EPC contracting including detailing costs of various components involved.

No	Deliverables	Time required
1	Site visit & Inception Report	4 Weeks
2	Completion of field work, Submission of Draft Tender Stage drawings and designs and tender documents	0-4 Months
3	Submission of Final Tender Stage drawings and designs and tender documents	0-6 Months
4	Preparation of EPC Bid Document	0-9 Months
5	Other Studies	Within 6 months of finalization of study

		specific ToR
6	Technical and Managerial Assistance	0 – 18 Months

5. Payment Schedule

The deliverables and payment terms in respect of services shall be made as follows

No	Milestone for Itams under 2 A	% of payment
1	After Site Visit Inception reports	Up to 10%
2	Completion of field work and submission of draft Tender Stage drawing and designs and tender Documents.	Up to 40%
3	Submission of Final Tender Stage drawings and designs and other documents.	Up to 60%
4	Preparation of Draft EPC bidding documents	Up to 70%
5	Preparation of Final EPC bidding documents	Up to 75%
6	Other studies	Up to 90%
7	Final Completion of the assignment including providing of managerial & technical assistance to the department.	100%

For technical managerial Assistance part of assignment detailed under Para 2B payment terms shall be mutually decided.

The payment of fees can be made on job completed basis of the agreed sum, subject to satisfactory Achievement of mutually agreed progress milestone. No advance will be made in any circumstances.

The consultancy firm/agency Shall Submit the bill for payment when it is due as per the agreed terms. the payment shall be released as per the work related milestones achieved and as per the specified percentage.

Once a milestone is achieved, the consultancy firm/agency shall submit the requisite deliverables. The Authority shall release the requisite payment upon acceptance of the deliverables.

Financial Proposal Format

To

**Superintending Engineer
Project Circle Jamrani, Haldwani**

I/ We have read and understood the instructions and the terms and conditions contained in the Tender Document. I/We do hereby declare that the information furnished by the Department is sufficient for completion of the assignment. The undersigned is fully authorized to sign and submit this Bid

document on behalf of the organization, he/she represents for. We authorize the officers of Irrigation Department, Uttarakhand to approach individuals, employers, firms and corporations to verify our credentials.

I/ We offer our financial bids per TOR for **Consultancy Services for Tender Stage Technical & Management Assistance for Proposed Jamrani Dam Multipurpose Project on Gola River, Haldwani, Nainital, Uttarakhand** is given below.

Sl. No.	Name of work	Quantity	Tendered Amount	
			In figures	In words
1				

Our Financial Proposal shall be binding upon us subject to the modifications resulting from Contract negotiations, till expiration of the validity period of the Proposal.

Signature:

Name:

Designation:

Address:

Place:

Date:

Seal of the Firm

**Technical Proposal Format
Information to be furnished by the Bidder**

1	Name and registered office address	
2	Year of establishment of the firm and the registered office.	
3	Whether individual/Partnership/Pvt. Ltd or Ltd firm with full particulars of the other partners including their names, professional qualifications, age experience, etc. (Attach a separate sheet, if required)	

4	Names, qualifications and experience of all technical personnel in the firm details to be furnished in the prescribed Pro-forma (Statement-I)	
5	Important consultancy projects executed during last 5 years by the firm in this field (Consultancy Services for Social Impact Assessment studies) together with relevant details such as cost of the work etc. The full address of the clients for whom the works have been executed including name of contact persons and contact nos. Details to be furnished in the prescribed Pro-forma (Statement-II). Please attach completion certificate or any other relevant documents in support of the works completed clearly showing the value, nature of the work executed, duration of the work etc, which should be considered for short listing as per the Criteria	
6	Important projects in the field of Hydro Projects/Relevant field on which the firm engaged at present along with relevant details such as cost of the work etc. The full address of the clients, along with the name of the contact person and contact no. shall be indicated against each project. Pro-forma(Statement-III)	
7	Details of infrastructure facilities available with the firm. Please attach details in a separate sheet (Statement-IV)	
8	Details of the associates / consultants for the allied works. Attach separate sheet for the details of the associates/consultants.	
9	Income Tax No.(PAN/TAN). Furnish copies of last Income Tax Clearance	
10	Name and address of the Banker/s of firm.	
11	Turnover of the firm from consultancy works fee during last 5 years (year - wise). Please attach necessary documents in support of the same. 2014-15 2015-16 2016-17 2017-18 2018-19	
12	National or International Awards received if any.	

**Signature of the applicant with
Full address & Office Seal**

Statement – I

List of technical personnel, giving their technical qualifications, experience, including that in the present organization.

Sl. No	Name	Age	Present Designation	Qualification	Consultancy Experience	Name of the major projects handled in respect of	Date from which Employed in the Present Organization

Mention other points, such as lead person having expertise in technical consultancy work, lead person for executing field activities if any, to show technical and managerial competency to indicate any important point in your favour.

Signature of the Applicant

Statement – II

List of important projects handled by the firm during last 5-year in the field of Consultancy Services

S I . N o	Name of Project and Location	Nature of work	Name of client with full address	Name of contact person With Contact number	Project cost 1.Tender 2.Actual	Date of commencement	Date of completion	Litigations if any

Signature of the Applicant

Statement – III

List of important projects in hand being handled by the firm in the field of Consultancy Services .

Sl. No	Name of Project and Location	Nature of work	Name of client with full address	Name of contact person With Contact number	Project cost 1.Tender 2.Actual	Date of commencement	Date of completion	Litigations if any

Signature of the Applicant

Statement – IV

Approach & Methodology specific to the project

Approach, methodology and work plan are key components of the Technical Proposal. You are suggested to present your Technical Proposal inclusive of charts and diagrams for Full Technical Proposal, divided into the following three chapters:

- a) Technical Approach and Methodology,
 - b) Work Plan, and
 - c) Organization and Personnel,
- a) **Technical Approach and Methodology.** In this chapter you should explain your understanding of the objectives of the assignment, approach to the services, methodology for carrying out the activities and obtaining the expected output, and the degree of detail of such output. You should highlight the problems being addressed and their importance, and explain the technical approach you would adopt to address them. You should also explain the methodologies you propose to adopt and highlight the compatibility of those methodologies with the proposed approach.
 - b) **Work Plan.** In this chapter you should propose the main activities of the assignment, their content and duration, phasing and interrelations, milestones (including interim approvals by the Client), and delivery dates of the reports. The proposed work plan should be consistent with the technical approach and methodology, showing understanding of the TOR and ability to translate them into a feasible working plan. A list of the final documents, including reports, drawings, and ables to be delivered as final output, should be included here.
 - c) **Organization and Personnel.** In this chapter you should propose the structure and composition of your team. You should list the main disciplines of the assignment, the key expert responsible, and proposed technical and support personnel. You shall also specify if you will be the lead firm in a joint venture or in an association with Sub-Consultants. For joint ventures, you must attach a copy of the joint venture agreement.
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Statement V

Team Composition and Task Assignments

Professional Staff

Name of Staff	Firm	Area of Expertise	Position Assigned	Task Assigned
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Signature of the Applicant