

## **REQUEST FOR PROPOSAL**

From  
Interested Eligible Organisation/ Firms  
For

**Consultancy Services for Preparation of DPR, Tender Stage Designs and Drawings, Construction Stage Designs and Drawings for Tarai Feeder Canal (Upto Khairya River) And Chakpheri Feeder Canal (off taking from Tarai Feeder) and Remodelling of Golawar Main (Barrage to Coal Tax), Golawar Feeder, Paha Feeder and Haripura Feeder in Nainital and Udham Singh Nagar Districts of Uttarakhand**

**PROJECT MANAGER-1  
JAMRANI DAM MULTIPURPOSE PROJECT,  
PIU JAMRANI, UPDCC, KATHGODAM, NAINITAL, UTTARAKHAND,**

**OFFICE OF PROJECT MANAGER-1**  
**JAMRANI DAM MULTIPURPOSE PROJECT,**  
**PIU JAMRANI, UPDCC, KATHGODAM, NAINITAL, UTTARAKHAND,**

*Email: [eejcd3@gmail.com](mailto:eejcd3@gmail.com)*

TENDER NOTICE NO. 04

REQUEST FOR PROPOSAL (RFP)

**ASSIGNMENT TITLE:**

Consultancy Services for Preparation of DPR, Tender Stage Designs and Drawings, Construction Stage Designs and Drawings for Tarai Feeder Canal (Upto Khairya River) And Chakpheri Feeder Canal (off taking from Tarai Feeder) and Remodelling of Golawar Main (Barrage to Coal Tax), Golawar Feeder, Paha Feeder and Haripura Feeder in Nainital and Udham Singh Nagar Districts of 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 Project Manager, Jamrani Project, UPDCC, Haldwani, Nainital, Uttarakhand [eejcd3@gmail.com](mailto:eejcd3@gmail.com) and can also be downloaded from the website of Jamrani Dam Project, [www.jamranidam.com](http://www.jamranidam.com). Corrigendum to this notice, if any shall only be uploaded on the above websites.

**KEY DATES**

Date of calling Bid	15.09.2022
Submission of Technical and Financial Bids- start date	18.09.2022
Submission Technical and Financial Bids- end date	03.10.2022
Date of opening of Technical bid and Financial Bid	05.10.2022
Date of opening Financial Bid	06.10.2022

For further details please contact Project Manager, Jamrani Project, UPDCC, Haldwani, Nainital, Uttarakhand from 18.09.2022 to 03.10.2022, on working days from 10.00 AM to 5.00 PM. Sri Sanjay Kumar Singh, Project Manager of the above office, Mob. No. 9410348034 be contacted in this regard.

Project Manager-I,  
Jamrani Project, UPDCC, Haldwani

## Request for Proposal (RFP)

### Consultancy Services for Preparation of DPR, Tender Stage Designs and Drawings, Construction Stage Designs and Drawings for Tarai Feeder Canal (Upto Khairya River) And Chakpheri Feeder Canal (off taking from Tarai Feeder) and Remodelling of Golawar Main (Barrage to Coal Tax), Golawar Feeder, Paha Feeder and Haripura Feeder in Nainital and Udhamasingh Nagar Districts of Uttarakhand

#### 1.0 Introduction

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.

The project envisages construction of a 150.60 meters high dam 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

#### 2.0 Salient Features of the 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 <sup>2</sup>

##### 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

##### III. Dam and Spillway Arrangements

1. Type	Roller Compacted Concrete Gravity Dam
2. Length at Crest	480 m

3. Max height above deepest Foundation level (Elev. - 615m)	150.60 m
4. Crest of Spillway	716.00 m
5. Width at top	10 m
6. Top of Dam	765.60m
7. Type of gate	Radial type
8. 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) For under sluice
9. Discharge passing sluice	6536 Cumeec for Spillway and 2036 Cumeec for under
10. Free board	2 m above MWL

#### 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	Horse 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. Upstream coffer dam	15 m high (rock fill type with concrete Lined upstream face)
a. Top width	6 m
6. Downstream coffer dam	7 m high (Rock fill type with concrete Lined downstream face M 15 grade)
a. Top width	7 m
9. Diversion design flood	500 Cumeec

#### 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 at El. 762.00 m	142.72 MCM
8. Submergence Area at El. 762.00m	428.57 Ha

#### VII. Intake

1. Type	Bell mouth entry type (2 Nos.)
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2. Center line 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

#### **X. 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

#### **XI. Irrigation**

Total irrigated Area	295382 Ha
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### **3.0 Submission of Bids**

Date of release of Request for proposal through notice is 15.09.2022.

Availability of Bid Documents and mode of Submission: -The bid documents and TOR(Terms of Reference) are available in the Office of The Project Manager, Jamrani Project, UPDCC, Haldwani, Nainital, Uttarakhand request for which can be mailed to [eejdcd3@gmail.com](mailto:eejdcd3@gmail.com) and can also be downloaded from the website of [www.jamranidam.com](http://www.jamranidam.com).

Technical bids shall be opened on 05.10.2022 in the presence of tenderers who wish to be present, in the office of The Project Manager, Jamrani Project, UPDCC, Haldwani, Nainital, Uttarakhand. Date of opening of financial bids is 06.10.2022.

Bids shall remain valid for a period not less than 90 days from the last date of receipt of Bid. The bidder shall certify the validity of the quoted rates and acceptance of conditions of the bid on a nonjudicial stamp paper of Rs.100.00 duly signed on Re-1.00 revenue stamp affixed on it.

General Manager, Jamrani Project, Uttarakhand Project Development And Construction Corporation Ltd 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. **EMD and bid processing fee** shall be submitted in the cover of technical proposal.

For any queries and clarification bidders may contact the following officers of UPDCC in office hours or via email as given below-

Project Manager-I, Jamrani Project, UPDCC, Haldwani, Mobile- 9410348034, [Email- pm01@jamranidam.com](mailto:pm01@jamranidam.com),

Assistant Project Manager, Jamrani Project, UPDCC, Haldwani, Mobile- 7599999777,

[Email- pm01@jamranidam.com](mailto:pm01@jamranidam.com).

#### **4.0 Eligibility Criteria**

- The bidders should be a registered company under the Companies Act.
- It should have valid PAN, TAN and GST Registration No.
- The bidder should have carried out consultancy work in the field of design and studies related to dams/ water resources/ irrigation projects for 3 years as on 31<sup>st</sup> December 2022.
- The bidder should have carried out any specialised studies related to a preparation of irrigation simulation tables, working out crop water requirements, delineation of crop pattern in the command etc.
- The bidder should have carried out consultancy works related to a single project of not less than Rs Fifteen Lacs in the field of dams/water resources/ irrigation projects in last 3 years.
- Average annual turnover of the bidder during last 3 years should be more than Rs 30 Lacs. Bidders can use provisional turnover of the current financial year also provided they have the requisite proof of the same.
- 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.
- As the assignment envisages technical service related to the project of highest quality, the bidder should have a Senior Technical Expert in its team having following essential qualifications:

#### **Essential Minimum Qualifications and Experience of the Senior Technical Expert are:**

- The expert should be minimum M.Tech/M.E in water resources or related field.
- The expert should have a minimum experience of 20 years in the water resources field and well versed with state/central government procedures.
- The expert should not be more than 60 years of age at the time of bidding.
- The expert should be proficient in water balance and flood studies.
- The expert should be well versed with the regulatory framework of large water resources projects in India including environment, inter-state water sharing, clearances from CWC/GSI/CSMRS/MoEF etc.

- The expert should have previous experience of handling water resources projects in Uttarakhand at the planning/ clearance/ implementation stage. (Preference)
- He should be well versed in Government Procurement policies and General Financial Rules (GFR).
- 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.

SI No	Professional	Qualification Required	Required Experience
1	Senior Technical Expert	As given in Para 4 above	As given in Para 4 above
2	GIS/Remote Sensing Expert	ME/M.Tech in GIS/RS or PhD in Geography	Should have at least 15 years experience in GIS in water resource field.
3	Design Expert /Irrigation Expert	BE/ME in Civil Engineering/ Water Resources related field.	Should have minimum experience of 15 years in the field of design and implementation of water resources structure.
4	Hydraulic Expert	ME in Water Resources/Hydraulics	Should have minimum 10 years experience in design and implementation of irrigation structures. The expert should be well versed in using hydrological assessment tools like HECRAS/HECHMS.

- Note- i. The bidder shall deploy the additional relevant domain specialist including from geology, surveying etc. on requirement basis.  
ii. CVs of experts produced for qualification should be available for at least 03 visits to site for better understanding of project. Also a Letter of Understanding b/w bidding firm and associate expert is to be produced.
- The evaluation of bids of the eligible bidders shall be based on QCBS method. Technical 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 as well as the Experience of the Company.

The technical marks assigned to experience of the company and various key positions are as below:

<b>SI No</b>	<b>Company Experience/Key Professionals' CVs</b>	<b>Max Marks assigned</b>
1	Financial Turn Over	10
2.	General Experience of the Company	10
3.	Specific experience of the company in carrying out specialised study like Simulation Tables for an Irrigation Project, Design of underground piped irrigation for more than 1.5m, provided execution consultancy for similar project, Flood assessment at cross drainage locations falling in the alignment of linear projects like canal/pipeline etc. (3.5 marks for each type of study)	14
4.	Any Specific study carried out in the command of the Jamrani Dam	10
5.	Senior Technical Expert	20
6.	GIS Expert	12
7.	Design Expert /Irrigation Expert	12
8.	Hydraulic Expert	12
•	<b>Total</b>	<b>100</b>

#### **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 bid comprising of the documents supporting the eligibility criteria. EMD and bid processing fee shall also be submitted as a part of the technical proposal.

##### **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 experience of the company and CVs of its key experts with maximum technical score being 100 marks.

6.1.2. The scoring criteria to be used for evaluation shall be as described above in para 4.

A minimum of 70 marks is required in Technical Evaluation for being eligible for financial bid opening.

## 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 70 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 (Financial Proposals) will be considered for final evaluation as the financial proposal (FM).

6.3.3. The Technical Committee appointed by the Department 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 of the work.

## 7.0 Award of Contract

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 description of UPDCC. Negotiations regarding the various component of work shall be carried out, if required. Negotiations will include a discussion on the Technical Proposal, the proposed technical approach and methodology and work plan. The Client and the firm will finalize the Terms of Reference, work schedule 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. 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.

Detailed contract would be executed with the bidder who fulfills all the Terms and Conditions of this RFP document, after negotiations.

## **8.0 CONTRACT PERFORMANCE GUARANTEE / SECURITY DEPOSIT**

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 10 days of receipt of Letter of Acceptance (LOA) by the successful Applicants in the form of FDR/ Bank Guarantee from Nationalized Bank/ Scheduled bank. The deposit shall be pledged in the name of The General Manager, Jamrani Project, UPDCC, Haldwani. Contract Performance Guarantee shall be released/ returned after successful completion of the contract. In addition to the Performance guarantee a sum of 5% of each running bill paid to the consultant shall be retained as security deposit that shall be released after 6 months of successful completion of assignment.

## **9.0 ARBITRATION CLAUSE**

Any Dispute arising regarding execution of this assignment shall be resolved by The Managing Director, UPDCC, Dehradun, Uttarakhand whose 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.75000 (Rupees Seventy Five Thousand Only) in the form of a FDR issued by one of the Nationalized/ Scheduled Banks in India in favour of The General Manager, Jamrani Project, UPDCC, Haldwani 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 forth with, 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 Department as non-responsive.

10.3 The Department 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 can be forfeited in the event of the refusal of selected bidder to sign the contract as per the clauses of this bid.

#### **11.0 Tender Fee**

The Applicant shall furnish, as a part of each Proposal, a non-refundable tender fee of Rs. 2360/- (Rupees Two Thousand three Hundred and sixty Only) in the form of two separate Demand Drafts of Rs 2000.00 and Rs 360.00 respectively issued by any of the Nationalized/ Scheduled Banks in India in favour of The General Manager, Jamrani Project, UPDCC, 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 Govt. Department.
- The time period for the task is 06 months. The consultant/firm shall provide a final report/ database drawings/ images to the UPDCC, Haldwani, Uttarakhand, which shall be the property of the UPDCC, Government of Uttarakhand under copyright act.

## Terms of Reference

### 1. Objectives of the Assignment

The objective of this consultancy is to undertake preparation of DPR, tender stage designs and drawings, construction stage designs and drawings, on-site consultation and monitoring of execution as per designs for Tarai Feeder Canal (Upto Khairya River) And Chakpheri Feeder Canal offtaking from Tarai Feeder and Remodelling of Golawar Main Feeder (Barrage to Coal Tax), Golawar Feeder, Paha Feeder and Haripura Feeder in Nainital and Udham Singh Nagar Districts of Uttarakhand. It is also required from the Consultant to cater to queries raised from time to time by various stakeholders like the funding agency, State or Central Govt, various Ministries & Departments of the State & Central Govt.

### 2. SCOPE OF WORKS (TOR)

The Department seeks the services of competent firms for preparation of tender stage designs, drawings and tender documents for Tarai Feeder Canal (upto Khairya River) and Chakpheri Feeder Canal offtaking from Tarai Feeder and remodelling of Golawar Main Feeder (Barrage to Coal Tax), Golawar Feeder, Paha Feeder and Haripura Feeder which are the part of the Jamrani Dam Project. The proposed canals are in Nainital/Udham Singh Nagar districts of Uttarakhand. The Terms of Reference (the "TOR") for this assignment are specified below.

S.No.	Canal Name	Length in Kms	Current Discharge (in cumec)	Proposed Discharge (in cumec)
1.	Golawar Main Feeder(Gola Barrage to Coal Tax)	1.16	24.78	37.50
2	Golawar Feeder	16.125	12.20	24.00
3	Paha Feeder	8.42	1.47	3.58
4	Haripura Feeder (remodeling for initial 3 kms.)	15.20	10.42	17.81
5	Tarai Feeder	18.566	7.39	(new construction)
6	Chakpheri Feeder	2.684	1.478	(new construction)

- I. The Consultant shall carry out the detailed topographical surveys of the work area, as required.
- II. The Consultant shall carry out the study regarding the best suited alignment of the proposed new canals as well as the augmentation of the existing canal.
- III. The Consultant shall prepare tender stage designs and drawings of the proposed Canal system including hydraulic and structural designs.
- IV. The Consultant shall also plan the best possible design of open/ covered canals/ underground canal/ MS pipe/ HDPE pipes or combination of these.
- V. The Consultant shall carry out the HECRAS/ HECHMS modelling with GIS tools at major cross drainage points. It will also carry out the sizing and dimensions of cross drainage works.

- VI. The Consultant shall prepare the detailed cost estimates of the proposed works.
- VII. The Consultant shall also prepare tender documents for the works.
- VIII. The Consultant shall coordinate with concerned authorities and seek all required clarifications.
- IX. The Consultant shall provide necessary assistance to the Department to obtain the necessary (work related) clearances, if any, so that project implementation can proceed smoothly.
- X. The Consultant shall mobilize all necessary equipment, computers, software and all other equipment required to fulfil the job.
- XI. The Consultant shall submit Detail Project Report, including detailed construction methodology (in 5 copies).
- XII. The Consultant shall prepare construction stage designs and drawings of the proposed Canal system including hydraulic and structural designs.

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.

Duration allowed for this assignment is 06 months except for on-site monitoring/assistance.

### **3. Deliverables**

The Consultant shall deliver the above 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 two hard copies and one soft copy in CD/DVD/ Pen drive shall be submitted to the Authority.

#### **3.1 Inception Report**

Within a period of 4 weeks of commencement of the Consultancy, the Consultant shall submit an Inception Report. The Inception Report shall include -

- Project appreciation;
- 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;
- Work programme
  - a. Submission of survey, alignment of the proposed canals and draft hydraulic and structural designs.
  - b. Submission of Tender Stage drawings and designs of works.
  - c. Submission of detailed cost estimates of the proposed works.
  - d. Submission of Detail Project Report with methodology (in 5 copies).
  - e. Submission of Tender Document for contracting the works. (in 3 copies).

<b>No</b>	<b>Deliverables</b>	<b>Time required from the Commencement of the Assignment</b>
1	Site visit & Inception Report	4 Weeks
2	Submission of survey, alignment of the proposed canals and draft hydraulic and structural designs	03 Months
3	Submission of Tender/construction Stage drawings and designs of works.	04 Months
4	Submission Detail Project Report with cost estimate and detailed construction methodology as per site conditions (in 5 copies).	05 Months
5	Submission of Tender Document for contracting the works. (in 3 copies).	6 Months

#### **4.0 Payment Schedule**

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

<b>No</b>	<b>Milestone for Items</b>	<b>% of payment</b>
1	Site visit & Inception Report	Up to 10%
2	Submission of survey, alignment of the proposed canals and draft hydraulic and structural designs	Up to 30%
3	Submission of Tender/construction Stage drawings and designs of works	Upto50%
4	Detail Project Report with cost estimate and detailed construction methodology as per site conditions (in 5 copies).	Upto80%
5	Tender document for contracting the works(in 3 copies)	Upto 100%

The payment of fees can also 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  
The Project Manager,  
Jamrani Project, UPDCC, 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 UPDCC, Haldwani to approach individuals, employers, firms and corporations to verify our credentials.

I/ We offer our financial bids per TOR for **Consultancy Services for Preparation of DPR, Tender Stage Designs and Drawings, Construction Stage Designs and Drawings for Tarai Feeder Canal (Upto Khairya River) And Chakpheri Feeder Canal (off taking from Tarai Feeder) and Remodelling of Golawar Main (Barrage to Coal Tax), Golawar Feeder, Paha Feeder and Haripura Feeder in Nainital and Udham Singh Nagar Districts of Uttrakhand** is given below.

Sl. No.	Name of work	Tendered Amount Excluding GST (INR)	
		In figures	In words
1	Consultancy Services for Preparation DPR, Tender Stage Designs and Drawings, Construction Stage Designs and Drawings for Tarai Feeder Canal (Upto Khairya River) And Chakpheri Feeder Canal offtaking from Jamrani Canal and Remodelling of Golawar Main Feeder (Barrage to Coal Tax), Golawar Feeder, Paha Feeder and Haripura Feeder in Nainital and Udham Singh Nagar Districts of Uttrakhand		

\*GST shall be paid as per applicable.

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. Rates quoted by us firm and bid validity is 90 days.

Signature: .....

Name: .....

Designation: .....

Address: .....

Place: .....

Date: .....

Seal of the Firm

### Technical Proposal Format

Information to be furnished by the Bidder (Relevant to the eligibility of this assignment only)

1	Name and registered office address	
2	Year of establishment of the firm and the registered office (Enclose Incorporation Documents)-(Annexure-I).	
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	Signed CVs of the key professional required under Para 4 of the RFP (Annexure-II)	
5	Document Regarding Financial Turn Over of the Firm (Annexure-III)	
6	Document in support of execution of consultancy works related to a single project of not less than Rs 1 Cr in the field of dams/water resources/irrigation projects in last 3 years (Annexure-IV)	
7	Document in support of studies like Simulation Tables for an Irrigation Project, Crop Water Requirement Assessment, Delineation of cropping pattern in the command, Flood assessment at cross drainage locations falling in the alignment of linear projects like canal/pipeline etc. (Annexure-V)	
8	Income Tax No.(PAN) (Annexure-VI)	
9	TAN No. (Annexure-VII)	
10	GST No. (Annexure-VIII)	
11	Name and address of the Banker/s of firm	

Signature of the applicant with

Full address & Office Seal