

प्रेषक,

अधीक्षण अभियन्ता
परियोजना मण्डल जमरानी
हल्द्वानी।

प्रेषित,

महानिदेशक, सूचना एवं लोक सम्पर्क विभाग
सूचना भवन, मसूरी बाईपास रिंग रोड दून हिल कालौनी,
लाडपुर, उत्तराखण्ड, देहरादून।

पत्रांक :- 1065/प0म0ज0ह0/जमरानी,

दिनांक 2/09/2020

विषय:- अल्पकालीन निविदा सूचना संख्या 02/अधि0अभि0/प0म0ज0ह0/2020-21 के प्रकाशन के सम्बन्ध में।

महोदय,

उपरोक्त विषय के संलग्न कार्य की अल्पकालीन निविदा सूचना 02/ अधि0अभि0 / प0म0ज0ह0 / 2020-21 की प्रति आपको इस आशय के साथ संलग्न कर प्रेषित है कि सूचना को उत्तराखण्ड के किन्हीं दो ख्याति प्राप्त हिन्दी दैनिक समाचार पत्रों में प्रकाशन कराने एवं प्रकाशित सूचना की एक प्रति अभिलेख हेतु इस कार्यालय को भिजवाने की कृपा करें। यह पत्र निविदा सूचना की प्रति सहित ई-मेल के द्वारा आपको प्रेषित किया जा रहा है। कृपया पावती स्वीकार करें।
संलग्न :- उपरोक्तानुसार।

भवदीय,

अधीक्षण अभियन्ता
परियोजना मण्डल जमरानी, हल्द्वानी।

पत्रांक :- 1065/प0म0ज0ह0/तददिनांक।
प्रतिलिपि निम्नलिखित को सूचनार्थ प्रेषित:-

1. प्रमुख अभियन्ता, सिंचाई विभाग उत्तराखण्ड, देहरादून।
2. मुख्य अभियन्ता स्तर-2, सिंचाई विभाग उत्तराखण्ड, देहरादून।
3. महालेखाकार, लेखा एवं हकदारी कौलागढ, देहरादून।
4. अधीक्षण अभियन्ता सिंचाई कार्य मण्डल हल्द्वानी/उधमसिंहनगर।
5. अधिशासी अभियन्ता प्रोजेक्ट डिविजन यमुना कालोनी देहरादून।
6. जिलाधिकारी नैनीताल।
7. वरिष्ठ पुलिस अधीक्षक नैनीताल।
8. अधिशासी अभियन्ता, जमरानी बांध निर्माण खण्ड-2, हल्द्वानी।
9. नोटिस बोर्ड हेतु।

अधीक्षण अभियन्ता

परियोजना मण्डल जमरानी, हल्द्वानी।

Office of The Superintending Engineer, Project Circle Jamrani, Haldwani -263139

Email : se.iwchaldwani@gmail.com

SHORT TERM TENDER NOTICE NO. 02/SE/PCJH/2020-21

"Expression of Interest" (Eoi)


Assignment Title : Engagement of Senior Technical Expert (Domain Expert) to interact with International Experts of ADB, provide necessary inputs to them, assist them in collection of data and its review and preparation and revision of domain specific reports in respect of Proposed Jamrani Dam Project on Gola River, Haldwani, Nainital, Uttarakhand .

On behalf of Hon'ble Governor of Uttarakhand, applications are invited for the position of Senior Technical Expert for an initial period of 12 months by the undersigned from all the interested eligible Applicants/Consultants/Firms for the above said assignment.

The Eoi documents and TOR(Terms of Reference) for the above domain experts will be available on the website of <https://www.uttarakhandirrigation.com> from 03/09/2020 onwards. Corrigendum to this notice if any shall only be uploaded on the above website. Applications for the above positions can be submitted to the Email se.iwchaldwani@gmail.com .

Notes :

1. Interested individuals/consultants/firms may submit their applications along with their CV's to the Email address provided above.
2. The last date of receiving applications is 5:00 PM 23rd September 2020.
3. The shortlisted candidates shall be called for an interview before the selection committee constituted by the competent authority.
4. Interview schedule shall be intimated separately to the shortlisted candidates.
5. No TA/DA shall be provided for attending the interview.
6. For any queries and clarification bidders may contact at the above mentioned email ID or the following email address :- Email-eejcd3@gmail.com


Superintending Engineer
Project Circle Jamrani, Haldwani



EXPRESSION OF INTEREST(EoI)

From
Interested Eligible Individuals/Organisation/Firms
For

Engagement of Senior Technical Expert(Domain Expert) to interact with International Experts of ADB, to provide necessary inputs to them, assist them in collection of data and its review and preparation and revision of domain specific reports in respect of Proposed Jamrani Dam Project on Gola River, Haldwani, Nainital, Uttarakhand

Superintending Engineer
Project Circle Jamrani, Haldwani
Uttarakhand Irrigation Department
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PROJECT CIRCLE JAMRANI, HALDWANI

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Superintending Engineer Project Circle Jamrani, Haldwani

Expression of Interest (Eoi)

Engagement of Senior Technical Expert (Domain Expert) to interact with International Experts of ADB, provide necessary inputs to them assist them in collection of data and its review and preparation and revision of domain specific reports in respect of Proposed Jamrani Dam Project on Gola River, Haldwani, Nainital, 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 and UP. 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 proposed to be constructed as a part of the project.

The project envisages construction of a 130.60 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 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

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	6536 Cumeec for Spillway and 2036 Cumeec for under Sluice
10. Free board	2 m above MWL

IV. Energy Dissipation Arrangement

1. Type	Trajectory Bucket type
2. Invert Level of bucket(for	666 m Spillway and Under Sluice
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	142.72 MCM
8.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.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	2.0 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

The Detailed Project Report of the Project has been accorded approval by the respective central and state departments. The project is proposed to be financed by the Asian Development Bank and various specialised studies are proposed to be carried out. A Senior Technical Expert (Domain Expert) is proposed to be engaged for an initial duration of 12 months to interact with the International Experts of ADB and provide the necessary inputs to them:

3.0 Eligibility Criteria

- i) The applicants can apply in capacity of individuals/consultant firms/ organizations
- ii) Interested firms should be a registered company under the Companies Act.
- ii) Applicants should have valid PAN, TAN and GST Registration No. as the case may be.
- iii) The applicants or its associate should have carried out/ carrying out consultancy work in the field of water resources project.
- iv) The applicants or its associate should have a team of professionals in the related field. The signed CV of Domain Expert shall be submitted as a part of the technical bid.

Essential Qualifications and Experience of the Senior Technical Expert (Domain Expert) are :

I. Senior Technical Expert:

- i) The expert should be minimum M.Tech/M.E in water resources or related field.
- ii) Experience of 20 years or above in Central/State Government or Private Sector in water resources sector is desirable.
- iii) The expert should be preferably below 60 years of age at the time of bidding.
- iv) Experience in implementing externally aided projects in the water resources sector like from ADB/ WB/JICA etc is desirable.
- v) Experience of making presentations to the international funding agencies is desirable.
- vi) Previous experience of handling water resources projects in Uttarakhand at the planning/ clearance stage is desirable.
- vii) Experience in dam safety field is desirable.
- viii) Knowledge of Government Procurement policies and General Financial Rules (GFR) is desirable.
- ix) Knowledge of international competitive bidding process for ADB/ WB funded projects is desirable.
- x) Experience in design and investigation of more than 100m high dam is desirable.

Terms of Reference

1. Objectives of the Assignment

The objective of engagement of Senior Technical Expert (Domain Expert) is to interact with the International Experts of ADB on issues related to the specific domains, provide the necessary inputs required by them and assist them in collection of the data and its review, preparation and revision of domain specific reports.

2. SCOPE OF WORKS (TOR)

Broad scope of work for the Senior Technical Expert (Domain Expert) proposed under the assignment is as given below:

I. Senior Technical Expert:

Following is the broad scope of activities of the Senior Technical Expert

- i. Advise the department on technical and regulatory issues referred.
- ii. Identify the conditions stipulated by various central agencies (CWC/ CEA/ GSI/ CSMRS/ MoEF/ MOTA etc.) and state regulatory authorities in their clearances with need compliance and assist the client in complying with these conditions.
- iii. Preparation of reports and technical presentations required by the Department.
- iv. Assist the client in presenting the case to various regulatory authorities and provide all technical help in obtaining the clearances.
- v. Attending the project related meetings at various locations.
- vi. Interacting with the prospective funding agencies on behalf of the client, making presentations, preparation of reports etc.
- vii. Any other related activity as envisaged by the project authorities.

3. Deliverables

The assignment shall be basically man- month based but it is the responsibility of the concerned Domain Expert to carry out the activities assigned in "Scope of Work" to the satisfaction of the client. In case the Client is not satisfied with the performance of the Domain Expert, the Client may ask the Firm to replace the concerned consultant with an acceptable substitute. The Firm/Individual is to assess the requirement of necessary support staff required for smooth delivery of assignment by the Expert and incorporate the cost of the same in the man-month cost of the Expert.

Ordinary place of working for the Domain Expert would be the project office but He/She may be required to travel frequently to different places like Dehradun, Delhi and other places. No separate charges on this account shall be payable and the Firm/ Individual is to incorporate these costs in the man-month costs of the Expert.

The Expert is also required to submit along with the application for the assignment the expected consolidated remuneration on a monthly basis inclusive of all charges(food , lodging , travel etc.)

4.0 Evaluation Process

The Expert shall be evaluated on the basis of meeting of the Eligibility Criteria and Experience. A maximum of 70 marks shall be given on the above basis and 30 marks shall be reserved for interview process. Evaluation Sheet is being annexed as ANNEXURE -1 to this document.

5.0 Copy Rights and Confidentiality Clause:

The department has full and sole rights on the outputs generated by the Domain Expert. All information/ reports/ data related to project shall be maintained confidential and shall not be shared with anyone without the prior consent of the department.

ANNEXURE- 1

S.No.	Particulars	Maximum Marks	Name of Experts		
Senior Technical Expert					
A	Qualification	Master Degree in Water Resource or related field	05		
		Doctorate Degree in the Water Resource or related field	10		
		Maximum (Qualification)	10		
B	Experience	(i) Total No. of years of Working Experience	20, if experience is 25 years or more		
			15, if experience is 20 -25years		
			10, if 15-20 years		
		(ii) Experience in Externally Aided Projects like ADB /WB/JICA/KWF etc	10, if involved in 2 such projects		
			15, if involved in more than 2 such projects		
		Experience in Dam Safety Field	10		
		Experience of working in Uttarakhand	5		
		Experience of working on a Dam project of more than 100 mts height	10		
		Total Experience (Maximum)	60		
C	Interview/ Interaction	30			
Grand Total (A+B+C)		100			