

درخواست اظهار علاقمندی

وزارت انرژی و آب، جمهوری اسلامی افغانستان	نهاد تدارکاتی
دولت افغانستان	تمویل کننده
دیزاین تفصیلی انکشاف بند سلطان ولایت غزنی MoEW/PD/CS020-98/NCB	نام پروژه و نمبر تشخیصیه
دیزاین تفصیلی انکشاف بند سلطان ولایت غزنی	عنوان وظیفه
16 جنوری 2020؛ ساعت 30:30 بعد از ظهر (به وقت محلی)	ضرب الاجل برای ارسال اظهار علاقمندی
مشاورین علاقمند میتوانند اظهارات علاقمندی شان را مطابق به فارمت درخواست اظهار علاقمندی، به طور کتبی یا به شکل سافت به آدرس ذیل ارسال نمایند: آمریت تدارکات مشورتی ریاست تدارکات واقع تعمیر ریاست منابع بشری منزل چهارم کابل - افغانستان) از ساعت 08:30 صبح الی 3:30 بعد از ظهر و یا به ایمیل آدرس های abraham.abram@gmail.com و کاپی آن به hadidhomayoun@gmail.com و mnoorzad62@gmail.com ارسال نمایند.	آدرس برای ارسال اظهار علاقمندی
مشاورین علاقمند میتوانند درخواست اظهار علاقمندی پروژه مذکور را از وبسایت www.mew.gov.af و www.npa.gov.af بدست آورند. در صورت بروز کدام مشکل در دریافت اظهار علاقمندی از وبسایت، میتوانند با ارسال ایمیل به آدرسهای فوق الذکر آنرا دریافت نمایند. و یا به شماره : 0787768827 بتماس شوید .	وبسایت



Request for Expressions of Interest

(CONSULTING SERVICES – FIRMS SELECTION)

Country: Islamic Republic of Afghanistan

Name of Project: SCOPE OF WORK AND TERM OF REFERENCE FOR DETAIL STUDY AND DETAIL DESIGN OF RECONSTRUCTION AND REHABILITATION WORKS OF SULTAN DAM IN GAZNI PROVINCE (AFGHANISTAN).

Assignment Title: DETAIL STUDY AND DETAIL DESIGN OF RECONSTRUCTION AND REHABILITATION

Duration of Assignment: 7 months (the time will be amended according to law of Afghanistan)

Implementing Agency: Ministry of Energy and Water

Duty Station: Gazni province and Kabul

Contract Type: Time Base

NPA REF. NO.: MoEW/PD/CS020-98/NCB

The Islamic Republic of Afghanistan represented by the **Ministry of Energy and Water** received a fund from the **Ministry of Finance** in 1398 and intends to apply part of the proceeds of this fund to implement detail study and detail design of reconstruction and rehabilitation of sultan dam project.

Introduction and Project Location

The Sultan Dam is located in Ghazni Province on Ghazni river. The dam site lays estimated 35 km north from Ghazni town. It can be reached on an unpaved roadway along the Ghazni River valley. The distance from Ghazni town needs about one hour of driving.

Roadway and driveways are in a poor condition. Awareness must be given to the possibility of meeting landmines, if the roadway and actual used driveways are left.

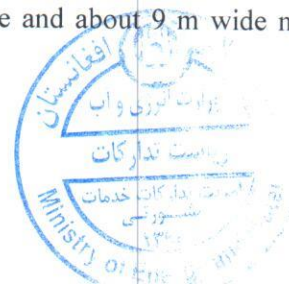
The dam site north of the village of Band-e-Sultan is supposed to be free of landmines.

The dam site is located at a height of 2,400 m above sea level. Higher hills and mountains are around this location.

The Dam is a Lime Mortar Stone Masonry Dam with following main dimensions:

- 34 m high
- 220 m long
- 32 m long side spillway on natural rock with no d/s stilling basin on right side of main dam.
- about 200 m long shoulder dam (with 6 m to 10 m high stone masonry over ground)
- Two pipe outlets each of 1.2 m diameter and equipped with manually driven operating and emergency valves.

During the spring period 2005, one section of the shoulder wall about 67 m long and up to 10 m high failed and collapsed on 29 March 2005, forming a 4.5 m deep scour hole and about 9 m wide natural stream on its d/s side.



Upon MEW request the repair of the shoulder wall is included in the Emergency Irrigation Rehabilitation Project EIRP funded by the World Bank. Fichtner GmbH & Co KG was appointed by MEW and in accordance with World Bank requirements to carry out the necessary dam consultancy works for the Band-e-Sultan Dam Repair Works.

On 27th of September 2005 the Consultant submitted together with Technical Reports A1 and A2 the Part B, a complete set of Tender Documents for the Emergency Dam Repair Works Stage I comprehending a wingwall that was approved as the only feasible option to close the gap in the shoulder wall still before the next winter period in December 2005.

The Technical Report A4 “Design Report Dam Repair Works, Volume 1” submitted in October 2005 contains all documentation and structural analysis related to the design of the emergency repair works for closing the gap in the shoulder wall. That report documents the Consultant’s approach including comparison of options and the justification for the recommended.

2. History of Sultan Dam and Spillway

Due to survey and investigations was found the following interesting history of Band-e-Sultan Dam.

A) Ancient 1000 year old dam structure:

The ancient dam had a bottom outlet with a gate structure placed in the middle of the dam, at the same location where nowadays the deepest river flow is passing through this old wall. The ancient dam had a dam crest level estimated to + 2,397 m visible on the remaining structure as well as in the section of the breached shoulder wall which covers the ancient shoulder wall.

Was found evidences that the original spillway of the ancient dam was placed exactly in the section of the breached shoulder wall. Remaining parts of the estimated 1 m thick stone pavement on shoulders d/s of the ancient spillway wall are visible and have been used in part as foundation for the British shoulder wall erected more than 100 years ago. This ancient spillway might have had an effective hydraulic width of 50 m and a maximum head to main dam crest of about 2 m for spilling of water.

B) Original design of the British dam 100 years ago:

There are good reasons to assume that the British main dam structure had also the function of an emergency spillway with the ability to be overtopped on the entire length of 195 m in case of extreme flood events. The small front wall parallel to the dam walkway had a much stronger inclination. If happened, overtopping may have started on the left side (lowest top elevation) extending successively to the right side.

The Band-e-Sultan Dam is about 100 years old and Last refurbishment was executed in 2002. The Band-e-Sultan Dam breached at the left side shoulder wall in March 2005 due to hydraulic piping and extreme water levels in the reservoir. Geotechnical and geodetically survey and investigations, and site



visits by experts, have been organized since the moment of failure. The reason for the dam failure was a seepage flow and hydraulic piping at one section of the shoulder wall undermining the Shoulder wall. A part of about 67 m in length and up to 10 m height of the shoulder wall has been destroyed and washed away. Meanwhile the shoulder wall has been provisionally repaired by erecting a wing wall structure from October 2005 to July 2006.

C) Later changes of the dam design:

An unknown number of years ago, the dam structure was subject to some refurbishment works. The front wall of the main dam was risen up to an elevation of +2,399.90 m on the right side and +2,400.10 m on the left side. So it corresponds more or less to the crest levels of the shoulder wall measured within a range of +2,400.02 m to +2,400.13 m.

The spillway was apparently changed by excavation of rock on the right side to a length of 32 m keeping an elevation of + 2,398.88 m. Remaining over fall height to top of main dam therefore was 1.02 m only. In 2002 a refurbishment of the top parts of walls on main dam and shoulder walls as well as on the spillway was executed by DACCAR. In March 2005 when the shoulder wall collapsed the spillway was discharging high amounts of water and the water level in the reservoir was estimated to be 30 cm below the dam crest only.

Due to lack of maintenance the effective length of the spillway was reduced to less than 28 m by layers of eroded rock and soil material falling down from the unprotected nearly vertical rock slope on the right side of the spillway. As already stated in Report the capacity of the refurbished 32 m wide spillway is not sufficient to avoid the danger of overtopping of main dam and shoulder walls in case of extreme floods up to PMF. For the shoulder walls overtopping will cause scouring in the loose soils destabilizing the wall foundation followed by a dam breach similar to the failure in March 2005.

3. Suggested recommendations for dam and reservoir

Based on analysis of available data and information Project Coordination Unit of (PCU) - MEW in 2006 prepared report and provided recommendation. These recommendations mainly aim towards improvements that may be required and implemented in a future stages. Recommended measures may also help to facilitate future planning with respect to more effective irrigation of the downstream areas.

1. Objectives of Assignment:

detail study and detail design of reconstruction and rehabilitation works of sultan dam in Gazni province (AFGHANISTAN).



The Ministry of Energy and water is seeking to hire a competent firm (herein after referred to as “the consultant”) to conduct a detail study and detail design of reconstruction and rehabilitation works of sultan dam in Gazni province for the entire project components, in the project site.

2. Scope of the Services

The Ministry of Energy and Water of Islamic Republic of Afghanistan has a plan to modify, repair, upgrade and reconstruct the Sultan Dam, In case of possibility, raise it in height more from 7 to 10 meters:

All the services of the Consultant described in the Terms of Reference (enclosed) shall be performed in close co-operation with the MEW.

3. Qualification Requirements/Short listing Criteria

The Ministry of Energy and Water, now invites eligible consulting firms (“Consultants”) to indicate their interest in providing the services described in Terms of Reference as mentioned under Paragraph 4 above. Interested Consultants should provide information demonstrating that they have the required qualifications and relevant experience to perform the Services.

The short-listing criteria are:

- i. The Consultant should be registered legal entity and should be in existence for at least last 8 years. The consultant should provide a copy of the certification of incorporation/ business license with its EOI.
- ii. The Consultant shall demonstrate having sound financial situation and capacity by submitting audited financial reports or any other credible financial documents for last [5] years (2014, 2015, 2016, 2017 and 2018). Average Annual turnover for any of the last five years should not be less than equivalent to **USD (540,000) (five hundred fourty thousand)**.

The consultant shall provide proven experiences of having executed or on-going projects at least one [1] contract of similar nature and complexity during last [10] years with the value of **USD (300,000) (Three hundred thousand)**.

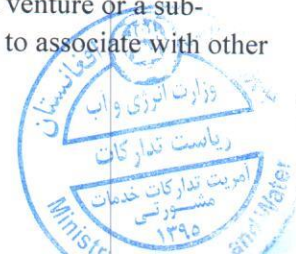
- iii. The consultants are required to provide copy(ies) of the contract along with clients’ certificate towards completion of such assignments with their EOI.

The Consultant while describing the assignment(s) should furnish the following details:

- *Consultant should explain in what way the executed assignment(s) was/were similar in nature to the current assignment and also indicating the input of key experts provided for the same*
- *The Consultant should explain the exact role played by the Consultant in the assignment if the assignment was carried out in association with other firms as JV or in sub-consultancy for carrying out the assignment.*

- iv. Requirements for Consultants participating as Joint Venture, Consortium or Association:

Consultants may associate with other firms in the form of a joint venture or a sub-consultancy to enhance their qualifications. If consultants intend to associate with other



firms, they are advised to clearly identify the lead partner and state the composition and nature of their association (JV/ sub-consultant) in their EOI.

In case of association between the firms are in the form of JV, the following requirements will also apply:

The lead partner shall meet the shortlisting criteria of being legal entity as under criterion (i) above; having sound financial situation as under criterion (ii) above and substantially meet the experience criteria under (iii) above (having executed the similar assignment with contract value indicated therein). The JV partner should also meet the shortlisting criteria of having similar experience under (iii) above (having executed the assignments with contract value as 50% of the value indicated therein). The lead partner needs to be identified in JV agreement or intention of forming JV agreement to be submitted with the EOI.

In case of Consultant who intends to associate with other firm(s) in the form of a sub-consultancy, the lead partner shall meet the shortlisting criteria of turnover and experience as under (i), (ii) & (iii) above.

- v. Consultant having some regional experience is desirable

In addition, the consultant shall furnish a declaration with their EOI confirming the following:

- a) The consultant is not black-listed by any agency of Government of Afghanistan.
- b) Declaration by the Consultant that the consultant does not have any conflict of interest in terms of taking any assistance / support from individual / firm / consultants who have been part of the Project or the procurement process.
- c) Declaration by the Consultant that the information furnished in EOI is correct and for any misrepresentation detected at any stage of selection process or during execution of the resultant contract if successful, the Consultant to be taken up under the Laws of Afghanistan.

4. Legal References

The attention of interested Consultants is drawn to 'Chapter 4 - Process of Request for Proposal' of "Rule of Procurement Procedure" issued by Government of Islamic Republic of Afghanistan. The consultants are also required to maintain high standard ethics throughout the procurement process. The Consultants' attention is also drawn to Article 16 of Afghanistan Public Procurement Law for compliance. The consultants can download the Public Procurement Law and Procedure from: www.npa.gov.af

5. Method of Selection

A Consultant will be selected in accordance with the Quality Cost Based Selection (QCBS) method set out in Rule 59 of Procurement Procedures.

6. Submission of EOI

ANNEXURE 1: FORMAT FOR EXPRESSION OF INTEREST

The expression of interest in English language must be submitted as per the following format:



{Note: In case documents submitted are in any language other than English, the consultant should submit a self-certified copy of the translated document in English (along with originals).}

SECTION 1: Organization Details (In case the EoI is being submitted as a Joint Venture/Sub-Consultant, the information has to be submitted for the Lead Partner as well as other members of the Joint Venture separately/Sub-Consultant.)

Part 1: Organisation Detail		
I.	Name of the Organization	
II.	Details of the Organization	<ul style="list-style-type: none"> • Address of the Registered Office: • Telephone: • Facsimile: • Website:
III.	Information about Organization	<ul style="list-style-type: none"> • Year of Establishment: • Status of the Organization: (Public Ltd./Private Ltd./LLP etc.)
IV.	Name and designation of the person authorized	<ul style="list-style-type: none"> • Name • Designation • E-mail • Contact Number
V.	Number of Personnel	<ul style="list-style-type: none"> • Total employee strengths on the payroll of the company as on (specify the date) • Number of qualified technical personnel on its payroll or panel working in the area of (specify the area)



Part 2 EOI Respondent firm needs to mention its core business areas and any other relevant details / experience in a descriptive format. EOI Respondent firm needs to mention its Technical and managerial capability for executing the scope of services.

Please provide a response with details in not more than 3 pages

SECTION 2: Documents to be submitted

	Information to be provided	Documentary Evidence to be Provided	Page number as part of Annexure
1	Firm must be registered legal entity. Information on their status as a legal entity and submit relevant supporting documents. (In case of JV, it should be met by the lead Partner but need to be submitted for other JV Members/Sub-consultant also)	Copy Certificate of Incorporation issued by relevant authority in country of establishment	
2	The consultant shall demonstrate having sound financial situation by submitting audited financial reports or any other credible financial documents for last [3] years	Statutory Auditor's certificate OR Financials statements duly certified by the Chartered Accountant OR Self-certification by the authorized signatory of the EoI mentioning the Annual Turnover supported by financial statements or Annual Auditor Reports. Please note: The audited financial reports or other credible financial documents must be of the EoI	



Information to be provided	Documentary Evidence to be Provided	Page number as part of Annexure
<p>3</p> <p>The Consultant shall provide proven experiences of having executed one contract during last [5] years of similar assignment (comprising of completed or on-going projects) which should showcase the expertise/ strength of the consultant for undertaking such assignments.</p> <p>The information in regard to the experience also need to be submitted for other JV Members/Sub-consultant as separate statements)</p>	<p>Respondent firm/Lead Partner and not its parent/child company</p> <p><i>Details of the experience should be submitted as per format in Section 3 along with the following documents:</i></p> <p>For completed projects :</p> <ol style="list-style-type: none"> 1. Copy of Contract(s) 2. Copy of the Completion Certificate(s) from the client. <p>For On-Going projects :</p> <ol style="list-style-type: none"> 1. Copy of Contract(s) 2. Copy of the letter from authorised client representative / Self-Certified declaration by authorized Signatory of the EoI Respondent Entity stating that scope of services completed till date along with payment realised for the project. <p>Please note: <i>The credentials cited under this must have been executed by the EoI Respondent or the JV partner and not its parent/child company</i></p>	
<p>4</p> <p>The details of the Consultant's regional experience if any.</p>	<p>List the Contracts executed with details such as contract number, the client detail, period of the contract, value of the contract, brief about the assignment etc.</p>	
<p>5</p> <p>Other relevant documents</p>	<p>Furnish one declaration confirming the following:</p> <ol style="list-style-type: none"> i. Declaration that the firm is not black-listed by any Government agencies in Afghanistan ii. Declaration that the consultant does not have any conflict of interest in terms of taking any assistance / support from individual / firm / consultants who have been part of the Project or the procurement process. iii. Declaration by the Consultant that the 	



Information to be provided	Documentary Evidence to be Provided	Page number as part of Annexure
	information furnished in EoI is correct and for any misrepresentation detected at any stage of selection process or during execution of the resultant contract if successful, the Consultant to be taken up under the Law of the Land.	

SECTION 3: Format for furnishing details of Credentials / Past Experiences for projects as at Sl. No. 3 of Section 2. The information need to be furnished as per the Format below for each credential.

The project citation should be a maximum of 2 pages per credential/project along with documents as mentioned under Sl. No. 3 of Section 2 (above). The citation need to be furnished for each credential.

Assignment name:	Country: Location within the country
Name of Client:	Address:
Name of the Legal Entity in whose name the contract is:	Duration of assignment (months):
No. of man month of the assignment:	Start date (Month/year): Completion date (Month/year):
Approx. value of the overall contract (in USD):	Approx. value of the services provided by your firm under the contract (in USD):
Name of associated organizations, if any:	Role of Consortium member:
Narrative description of the Project:	



Detailed Scope of services, coverage of the project:	
<ul style="list-style-type: none"> • <i>Consultant should explain in what way the executed assignment(s) was/were similar in nature to the current assignment and also indicating key experts input for the assignment(s) including their qualifications and experience (CVs of such key staff are not required to be attached)</i> • <i>The Consultant should explain the exact role played by the Consultant in the assignment if the assignment was carried out in association with other firms as JV or in sub-consultancy for carrying out the assignment.</i> 	
Relevance of Project to the current scope (i.e. relevant project components in detail)	
Details of the impact of the project for the client:	
Copy of Contract(s)?	YES / NO
Copy of certificate from the client with explicit information to meet the specific requirement of the criteria attached?	YES / NO
Copy of self-certificate with explicit information to meet the specific requirement of the criteria attached?	YES / NO

