



## **MILLENNIUM CHALLENGE ACCOUNT-MONGOLIA**

### **Procurement of Consultant Services for**

**Developing Detailed Design for Conveyance System (Water Transmission Pipeline and Related Infrastructure) and Modification Works at CHPP #3 & #4, (components of SCADA system), Development of RAP for the route of the Conveyance system, and Conducting DEIA and ESIA for the entire Wastewater Recycling Activity**

**Ref: MCA-M/CF/WRA/CS/01**

### **ADDENDUM No 1**

**1 April 2021**

- 1. Name of the Procurement:** Developing Detailed Design for Conveyance System (Water Transmission Pipeline and Related Infrastructure) and Modification Works at CHPP #3 & #4, (components of SCADA system), Development of RAP for the route of the Conveyance system, and Conducting DEIA and ESIA for the entire Wastewater Recycling Activity
- 2. Procurement Reference Number:** MCA-M/CF/WRA/CS/01
- 3. Request for Proposals Date:** 23 February 2021

<b>RFP SECTION</b>	<b>AMENDED AS FOLLOWS</b>
Section III. Qualification and Evaluation Criteria, 3.4 Evaluation Criteria	Evaluation Criterion 1 is Amended, as per Annex 1 of this RFP Addendum 1, with the following changes: a) Evaluation Criterion 1, “Organizational Capability and Experience of the Consultant,” has been divided into sub-criteria as follows: (i) Organizational Capability and General Experience of the Consultant and (ii) Specific Experience of the Consultant. b) Consultant’s Organizational Capability and General Experience shall be met by adherence to Qualification Criterion 3.7.4.1 “Organizational Capability and General Experience of the Consultant”.

	<p>c) Specific Experience of the Consultant shall be met by adherence to Qualification Criterion Table 3.7.4.2 “Specific Experience of the Consultant”.</p> <p>d) Scores associated with Experience of the Consultant are now amended to accommodate this change.</p> <p><b>The Amended 3.4 (Evaluation Criteria) of the Section III. Qualification and Evaluation Criteria is attached as Annex 1</b></p> <p><b>The Amended 3.7 (Qualification Table) of the Section III. Qualification and Evaluation Criteria is attached as Annex 2</b></p>	
<b>RFP SECTION</b>	<b>ORIGINAL TEXT</b>	<b>AMENDED AND SHOULD BE READ AS FOLLOWS</b>
Section V. Terms of Reference, VI. Personnel Requirements, VI.2 Key Personnel	<p>As indicated above, the Consultant shall provide the full range of personnel needed to perform the services described in this TOR. MCA-Mongolia deems the following positions as Key Personnel:</p> <ul style="list-style-type: none"> <li>• Project Manager (Team Leader)</li> <li>• Lead Pipeline Design Engineer</li> <li>• Lead Power Plant Design engineer</li> <li>• Lead Mechanical Design engineer</li> <li>• Environmental Impact Assessment Specialist</li> <li>• Gender and Social Assessment Specialist</li> <li>• Resettlement Specialist</li> </ul>	<p>As indicated above, the Consultant shall provide the full range of personnel needed to perform the services described in this TOR. MCA-Mongolia deems the following positions as Key Personnel:</p> <ul style="list-style-type: none"> <li>• Project Manager (Team Leader)</li> <li>• Lead Pipeline Design Engineer</li> <li>• Lead Power Plant Design engineer</li> <li>• Lead Mechanical Design engineer</li> <li>• Environmental Impact Assessment Specialist</li> <li>• Gender and Social Assessment Specialist</li> <li>• Resettlement Specialist</li> </ul> <p><b>The Consultants shall nominate separate individuals for each Key Professional Personnel position. The Key Personnel positions are to be filled by different individuals.</b></p>
Section V. Terms of Reference, V3. Background, the last Paragraph before “Implementation Arrangements”	Data provided through this procurement and the subsequent consultancy will be protected by a Non-Disclosure Agreement. Draft Employer’s Requirements and Feasibility Study Report which has been conducted for the project will be available for review in the Data room during this procurement. These documents will also be provided to the Consultant following award.	<b>Draft Employer’s Requirements and Feasibility Study Report, and Resettlement Policy Framework Report will be provided to the Consultant following contract award.</b>

<p>Section V. Terms of Reference, V6. Reference Documents and Information</p>	<p>A substantial amount of reference documentation and background information exists relative to the Compact. <b>Relevant documents will be provided in the data room following the Pre-Proposal Conference.</b> Following award, MCA-Mongolia shall make the reference documents permanently available in hard or soft copy format to the Consultant for use during its Period of Performance. Local Mongolian Law limits access to information related to water and wastewater assets; therefore, the selected Consultant will be required to clear security checks and sign a Non-Disclosure Agreement (NDA) with MCA-Mongolia prior to receipt of documents and background information. All members of the Consultant's team accessing the CWWTP, CHPPs and reviewing water sector governmental documents are required to obtain clearances and execute NDAs. Clearances for each individual may take up to ten calendar days to be obtained. MCA-Mongolia will assist with obtaining such clearances.</p>	<p>A substantial amount of reference documentation and background information exists relative to the Compact. Following award, MCA-Mongolia shall make the reference documents permanently available in hard or soft copy format to the Consultant for use during its Period of Performance. Local Mongolian Law limits access to information related to water and wastewater assets; therefore, the selected Consultant will be required to clear security checks and sign a Non-Disclosure Agreement (NDA) with MCA-Mongolia prior to receipt of documents and background information. All members of the Consultant's team accessing the CWWTP, CHPPs and reviewing water sector governmental documents are required to obtain clearances and execute NDAs. Clearances for each individual may take up to ten calendar days to be obtained. MCA-Mongolia will assist with obtaining such clearances.</p>
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## Annex 1: Amended 3.4 (Evaluation Criteria) of the Section III. Qualification and Evaluation Criteria

Proposal will be rejected if it does not earn a total minimum score of **80**. In addition, Proposals may be rejected, at the discretion of the MCA Entity, if any of the Key Personnel fails to satisfy the mandatory requirements.

Criteria, sub-criteria, and point system for the evaluation of Technical Proposals.		
ITC 24.1	<b>1. Criteria, sub-criteria</b>	<b>2. Points</b>
	<b>1. Organizational Capability and Experience of the Consultant</b>	
	<b>1.1 Organizational Capability and General Experience of the Consultant</b>	
	(i) Evidence of organizational capability and relevant experience in the execution of projects of a similar nature, including the nature and value of relevant contracts, as well as works in hand and contractually committed provided in Form TECH-4. (ii) The MCA Entity reserves the right to contact the references provided in Forms TECH-4 and TECH-5 as well as other sources to check references and past performance.	15
	<b>1.2 Specific Experience of the Consultant</b>	
	1.2.1 Evidence of previous pipeline design projects that used no less than 500mm used as a transmission pipeline with length 6 km or more.	9
	1.2.2 Evidence of previous experience in design of mechanical piping and controls in an industrial setting with preference for work in combined heat and power plants.	9
	1.2.3 Evidence of previous experience in land acquisition, resettlement, and developing Resettlement Action Plans, in accordance with IFC PS5 or other similar international environmental and social safeguard requirements.	4
	1.2.4 Evidence of previous experience in developing ESIA/ESMPs in accordance with IFC Performance Standards or other similar international environmental and social safeguard requirements is required. Experience developing DEIA is preferred. A team of experts in specific areas of the ESIA/DEIA in addition to the key personnel specified in the qualification requirements.	4
	1.2.5 Experience in consultancy services shall include successfully addressing similar weather conditions for at least two (2) projects of a similar nature, scale, and complexity during the last 5 years.	4
	<b>Total Points for This Criterion</b>	<b>45</b>
	<b>2. Approach, Methodology and Work Plan</b>	
	Proposed approach and methodology, including the approach for carrying out the scope of work under all the tasks as specified in Section V of this RFP.	10
	Proposed work plan consistent with Approach and Methodology, Work and Deliverables schedule	5
	Proposed organization, and staffing plan, including 1) the extent to which the Proposal provides a clear, logical, and appropriate staffing pattern with roles and responsibilities among different staff positions adequately defined, including non-key positions, 2) how engagement with key	15

	stakeholders will be incorporated into the work plan, and 3) how the organization and staffing plans are consistent with the work plan.	
	<b>Total Points for This Criterion</b>	<b>30</b>
	<b>3. Key Professional Personnel Qualifications for the Assignment</b>	
	<p>3.1 Project manager's experience and qualifications</p> <ul style="list-style-type: none"> <li>- Bachelor's degree in either Civil, Piping, or Mechanical Engineering;</li> <li>- Qualified Chartered/Registered Professional Engineer or approved equivalent in their country of origin;</li> <li>- A minimum of twenty years of relevant post-graduate experience in the water sector including experience managing the detailed design of at least two conveyance projects of minimum 10 km in length in a cold climate region, in a developing world environment, in the last ten years;</li> <li>- Experience with water use in power plants preferred, all demonstrated in Form TECH-11.</li> <li>- Fluency in English required.</li> </ul>	5
	<p>3.2 Lead Pipeline Design Engineer</p> <ul style="list-style-type: none"> <li>- Bachelor's degree in Civil or Piping Engineering</li> <li>- Qualified Chartered/Registered Professional Engineer or approved equivalent in their country of origin</li> <li>- A minimum of fifteen years of relevant post-graduate experience and experience in the detailed design of at least two pipeline and pumping station similar in scale (total length water transmission pipeline over 10 km in a cold climate region, Ø1000 mm HDPE main transmission pipeline, HDPE return pipeline, Ø500 mm branch HDPE pipelines from main to CHPPs, 4,000 m<sup>3</sup> water storage tank and a booster pumping station) and complexity to the project that is the subject of this RFP, in the last ten years; all demonstrated in Form TECH-11.</li> </ul>	4
	<p>3.3 Lead Power Plant Designer Engineer</p> <ul style="list-style-type: none"> <li>- Bachelor's degree in Mechanical or Piping Engineering</li> <li>- Qualified Chartered/Registered Professional Engineer or approved equivalent in their country of origin</li> <li>- A minimum of fifteen years of relevant post-graduate experience and experience and in the detailed design of at least two water use projects in power plants similar in scale (CHPP #3 with 198MW of installed capacity, CHPP #4 with 772MW of installed capacity), and complexity to the project that is the subject of this RFP, in the last ten years; all demonstrated in Form TECH-11.</li> </ul>	4
	<p>3.4 Lead Mechanical Engineer</p> <ul style="list-style-type: none"> <li>- Bachelor's degree in Mechanical Engineering</li> <li>- Qualified Chartered/Registered Professional Engineer or approved equivalent in their country of origin</li> </ul>	4

	<ul style="list-style-type: none"> <li>- A minimum of fifteen years of relevant post-graduate experience and experience and in the detailed design of at least two water use projects in power plants similar in scale (CHPP #3 with 198MW of installed capacity, CHPP #4 with 772MW of installed capacity), and complexity to the project that is the subject of this RFP, in the last ten years; all demonstrated in Form TECH-11.</li> </ul>	
	<p>3.5 Environmental Impact Assessment Specialist</p> <ul style="list-style-type: none"> <li>- Master's degree in Environmental field</li> <li>- Must have experience conducting ESIA and baseline assessment in both international and local level in accordance with IFC Performance Standards or similar international environmental and social safeguard requirements (e.g., World Bank, ADB, EBRD)</li> <li>- At least 15 years of professional experience.</li> </ul>	3
	<p>3.6 Gender and Social Assessment Specialist</p> <ul style="list-style-type: none"> <li>- Bachelor's degree in Socioeconomics or other social assessment field. Master's degree preferred.</li> <li>- Experience conducting social impact assessments for ESIA's of infrastructure projects, both international and local level, in accordance with IFC Performance Standards or similar international social safeguard requirements (e.g., World Bank, ADB, EBRD, and MCC).</li> <li>- At least 10 years of professional experience.</li> </ul>	2
	<p>3.7 Resettlement Specialist</p> <ul style="list-style-type: none"> <li>- Bachelor's degree in Social Sciences, Planning, Civil Engineering or Urban Infrastructure fields. Master's degree preferred.</li> <li>- A minimum of fifteen years of relevant experience including experience in preparing Resettlement Action Plans (RAPs) in conformance with IFC Performance Standards or other similar international environmental and social safeguard requirements; all demonstrated in Form TECH-11.</li> <li>- The Consultant shall have an Experience in RAP preparation for Donor supported projects during the last 5 years.</li> <li>- Fluency in English and Mongolian required</li> </ul>	3
	<b>Total Points for This Criterion</b>	25
	<b>Total Points for All Criteria</b>	100
	The minimum technical score St required to pass is	80
	<p>If none of the scores awarded by the TEP reach or exceed the minimum technical score (St), the MCA Entity reserves the right to invite the Consultant receiving the highest technical score (St) to negotiate both its Technical and Financial Proposals. If the negotiations fail to result in an acceptable contract within a reasonable time, the MCA Entity reserves the right to terminate the negotiations, at its sole discretion, and to</p>	

	invite—again, at its sole discretion—the Consultant receiving the next highest technical score (St) to negotiate both its Technical and Financial Proposals.	
ITC 25.10	The formula for determining the financial scores is the following: $S_f = 100 \times F_m / F$ , in which $S_f$ is the financial score, $F_m$ is the lowest price and $F$ the price of the Proposal under consideration. The weights given to the Technical and Financial Proposals are: T = <b>50</b> and F = <b>50</b>	

## Annex 2: Amended 3.7 (Evaluation Criteria) of the Section III. Qualification and Evaluation Criteria

### 3.7 Qualification Table

Documents Establishing the Qualifications of the Consultant

Factor	3.7.1 Eligibility						
	Requirement	Consultant					Documentation Required
		Single Entity	Joint Venture or Association			Sub-Consultant	
			All members combined	Each Member	At least one member		
3.7.1.1 Qualification and Eligibility	In accordance with ITC 5.1 to 5.4, and 5.9	Must meet requirement	Existing or intended Joint Venture or other association must meet requirement	Must meet requirement	N/A	Must meet requirement	TECH-1 and attachments
3.7.1.2 Conflict of Interest	No conflicts of interests as described in ITC 5.5 to ITC 5.8 unless the conflict of interest has been mitigated and the mitigation is approved by MCC.	Must meet requirement	Existing or intended Joint Venture or other association must meet requirement	Must meet requirement	N / A	Must meet requirement	TECH-1 and attachments
3.7.1.3 Ineligibility and	Not having been declared ineligible based	Must meet requirement	Existing or intended Joint Venture or	Must meet requirement	N/A	Must meet requirement	TECH-1 and attachments



<b>Debarment</b>	on any of the criteria set forth in ITC 5.9 or 5.10		other association must meet requirement				
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The Consultant shall provide the information requested in the corresponding information sheets included in Section IV, Proposal Forms, to establish that the Consultant meets the requirements established below. **Sub-Consultants that form the team shall not be replaced without the MCA Entity's prior permission.**

Factor	3.7.2 Historical Contract Non-Performance						
	Requirement	Consultant					Documentation Required
		Single Entity	Joint Venture or Association			Sub-Consultant	
			All members combined	Each member	At least one member		
3.7.2.1 Pending Litigation	All pending proceedings, litigation, arbitrations, actions, claims, investigations or disputes, in total, shall not represent more than ten percent (10%) of the Consultant’s net worth.	Must meet requirement by itself, including as member of past or existing Joint Venture or other association (not mandatory if in the past was as a member of a Joint Venture or other association with less than 20% role in the contract).	N/A	Must meet requirement by itself or as member of past or existing Joint Venture, or other association (not mandatory if in the past was as a member of a Joint Venture or other association with less than 20% role in the contract).	N/A	Must meet requirement by itself or as a Sub-Consultant to a prime, or member of past or existing Joint Venture, or other association (not mandatory if in the past was as a member of a Joint Venture or other association with less than 20% role in the contract).	Form TECH-2B

Factor	3.7.3 Financial Situation						
Sub-Factor	Requirement	Consultant					Documentation Required
		Single Entity	Joint Venture			Sub-Consultant	
			All members combined	Each member	At least one member		
3.7.3.1 Historical Financial Performance	Submission of evidence to the Consultant’s financial capacity to mobilize and sustain the Services	Must meet requirement	N/A	Must meet requirement	N/A	N/A	Form TECH-2A, TECH-2B and Form TECH-4
3.7.3.2 Financial Resources	The Consultant must demonstrate access to, or availability of, financial resources such as liquid assets, unencumbered real assets, lines of credit, and other financial means.	Must meet requirement	Must meet requirement	Must meet requirement	N/A	N/A	Form TECH-2A, TECH-2B and Form TECH-4

Factor	3.7.4 Experience						
Sub-Factor	Requirement	Consultant					Documentation Required
		Single Entity	Joint Venture			Sub-Consultant	
			All members combined	Each member	At least one member		
3.7.4.1 Organization Capability and General Experience	See Criteria table under 3.4 and specific areas of TOR	Must meet requirement	Must meet requirement	N/A	N/A	N/A	Form TECH-3/TECH-4/ Form TECH-6
3.7.4.2 Specific Experience	See Criteria table under 3.4 and specific areas of TOR	Must meet requirement  Any of the Specific Experience Requirements can be met by a specialized sub-consultant(s).	Must meet requirement  Any of the Specific Experience Requirements can be met by a specialized sub-consultant(s).	N/A	N/A	Must meet at least one specialized requirement	Form TECH-4