

Government of the People's Republic of Bangladesh
Department of Environment (DoE)
Office of the Project Director
Clean Air and Sustainable Environment (CASE) Project DoE component
E-16, Paribesh Bhaban, Agargaon
Sher-e-Bangla Nagar, Dhaka-1207

Request for Expression of Interests (EOI)
for
Selection of National Technical Consultant- Brick
[Contract Package No. CASE-DOE-S25]

Memo No: Paribesh/CASE /Nation. Tech. Con./157/2013/1570 Date: 11/06/2013

1. The People's Republic of Bangladesh has received an IDA credit [No. 4581-BD] in the amount of US\$ 62.2 million toward the cost of the Clean Air and Sustainable Environment (CASE) project to be implemented by the Department of Environment (DOE), Dhaka City Corporation (DCC) and Dhaka Transport Coordination Board (DTCB). The Department of Environment intends to apply part of the proceeds to payments for the provision of consultancy services for the project by hiring a National Technical Consultant-Brick.
2. The specific objectives of this assignment is to provide technical and managerial input for the adoption of cleaner technology in the brick making industries and to help DOE in building its capacity for strengthening regulatory framework for the emission reduction and energy efficiency in brick making technologies.
3. The summary Terms of Reference for the position require the consultant to carry out the following:
 - Managing on-going activities eg. Piloting of VSBK/HSBK, Zig-Zag, Tunnel Kiln Conversion of FCK to Zig-Zag and Alternative Building Materials
 - Advise and Assist PIU on Brick related Regulatory and Policy Level Activities
 - Advise and Assist PIU on Capacity Development and Knowledge Dissemination Activities
 - Assist PIU in engagement of Consultants for various brick technology related Activities

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4. Key Qualifications

The assignment requires the following qualifications:

- ◆ Advanced academic degree on Mechanical/Ceramic/Civil Engineering ;
 - ◆ At least 4/5 years of experience on energy efficient brick kiln technology;
 - ◆ Proven track record in bringing out technical reports and publication;
 - ◆ In depth knowledge and understanding of all type of brick making technologies in particular energy efficient brick kiln technology, kiln firing technology and energy efficiency measures and best practices in advanced brick technologies specially in Tunnel Kilns ;
 - ◆ Knowledge of clay and alternate raw materials to be used for brick manufacturing;
 - ◆ Experience of energy and emission monitoring and environmental management in energy efficient brick kilns
 - ◆ Sufficient exposure to planning of Energy efficiency projects, GHG reduction estimates and carbon finance;
 - ◆ Engagement in Clean Development Mechanism projects in Brick Sector and work experience in similar projects assigned by multilateral or bilateral agencies will be preferable.
 - ◆ Familiarity with energy budgets for brick kilns, brick strength testing and development of new product lines. issues related to brick sector particularly energy conservation and GHG emissions;
 - ◆ Hands on knowledge of existing technologies and brick making practices in Bangladesh;
 - ◆ Sufficient knowledge of alternate building material production technology;
 - ◆ Clear understanding of political economy of Bangladesh brick sector;
 - ◆ Clear understanding of project monitoring and evaluation;
 - ◆ Understanding of EIA requirements for brick kilns and regulatory aspects;
 - ◆ Understanding of existing policy, institutional, legal, technical, informational and financial barriers to the promotion of efficient technologies and practices
5. This activity will involve a 09 man-month contract over a time span of two years or more. The approximate commencement date of the contract will be July 2013. The contract may be terminated, extended or renegotiated before or beyond the stated time period.



6. The consultant will be selected in accordance with the procedures set out by the GoB's procurement guidelines, "Public procurement Act 2006 and public Procurement rules 2008".
7. Expression of Interest (Eoi) shall be submitted on or before 04 July 2013 on weekdays during office hours either in sealed envelope or through e-mail sent to Project Director, and be clearly marked Expressions of interest for National Technical consultant-Brick.
8. The EOI should include consultant's CV and relevant supporting documents showing consultant's credibility in Brick Technology. Potential individual consultants are encouraged to collect details ToR from the undersigned office on working days.
9. The procuring entity reserves the right to accept or reject all EOIs.


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