

**EXPRESSION OF INTEREST
(EOI)
FOR
THE EMPANELMENT OF AGENCIES FOR
STB DESIGN & DEVELOPMENT FOR COMPLETE DTH SET**

**Reference No. BECIL/IT/STB/01/STB Design & Development for complete DTH
Set**

(Dated: 25.04.2017)



Broadcast Engineering Consultants India Ltd.

(A Govt. of India Enterprises under Ministry of Information & Broadcasting)

(A Mini Ratna Company)

Head Office: 14-B, Ring Road, I.P. Estate, New Delhi -110002

Tel: 011-23378823 Fax: 23379885

Corporate Office: C-56/A17, Sector-62, Noida -201 307

Tel: 0120-4177850 Fax: 120-4177879

Email: contactus@becil.com , Website: www.becil.com



BROADCAST ENGINEERING CONSULTANTS INDIA LIMITED

(A Govt. of India Enterprises – A Mini Ratna Company)

An ISO 9001:2008 Certified Company

Head Office: 14-B, Ring Road, I.P. Estate, New Delhi -110002, Tel.: 011-23378823 Fax: 23379885

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EOI No. BECIL/IT/STB/01/DTH Set Manufacturing

S. No.	Description	Details
1.	EOI No.	BECIL/IT/STB/01/STB design & Development for complete DTH Set
2.	Date of Issue of EOI	<u>25.04.2017</u>
3.	Last date of Submission of EOI	04.05.2017 at 01:00 PM
4.	Date of opening of EOI	04.05.2017 at 02:30 PM
5.	Address of :- Purchase of EOI Document/ Submission of EOI / Opening of EOI	Broadcast Engineering Consultants India Limited (BECIL) BECIL Bhawan, C -56, A/17, Sector – 62, Noida – 201307 (Uttar Pradesh) Ph. 0120 – 4177850 Fax. 0120 – 4177879
6.	Website	www.becil.com
7.	Cost of EOI Document	Rs. <u>2000/-</u> (Rupees Two Thousand Only)

Sh. Mazhar Umer
Deputy General Manager (IT)

1. About BECIL:-

Broadcast Engineering Consultants India Limited (BECIL) an ISO 9001:2008 certified, a Mini Ratna public sector enterprise of Government of India under Ministry of Information & Broadcasting, was established on 24th March, 1995 for providing consultancy services of international standards for broadcasting in transmission and production technology including turnkey solutions in the specialized fields of Terrestrial & Satellite Broadcasting, Cable and various Information Technology(IT) related fields, including acoustics & audio-video systems & CCTV.

BECIL is the professional platform which caters to all aspects of projects related to TV, Radio, Communication and CCTV from concept to completion and from regulation to realization.

2. EOI Notice :-

2.1 Broadcast Engineering Consultants India Limited (BECIL) invites sealed Expression of Interest (EOI) from product design agencies having proven experience and ability in the area for design, development, testing and certification of Complete **Set Top Box, for DTHMPEG-4 DVB S-2 and MPEG-2 DVB-S.**

2.2 The bidders are advised to submit two separate sealed envelopes (Envelope-I and Envelope-II) super scribed "Payment for EOI Document" on Envelope-I and "EOI" on Envelope-II. The two sealed envelopes should be kept in one bigger envelope i.e. Envelope-III and sealed properly. The envelope i.e. Envelope-III must be super scribed "**EXPRESSION OF INTEREST (EOI) FOR EMPANELMENT WITH BECIL FOR PRODUCT DESIGN & DEVELOPMENT for DTH STB.**"

2.3 The EOI must be submitted at the below given name and address:

Dy. General Manager (IT)
Broadcast Engineering Consultants India Limited
BECIL Corporate Office
C-56/A-17, Sector-62
Noida-201307 (UP)

2.4 The EOI must be submitted in English or Hindi language only with a font size of 12. All the document including the supporting documents/enclosures etc. must be fully legible. Supporting documents if in a language other than English must be accompanied by a certified English translated document. The English version shall prevail in matters of interpretation. **EOI documents which are not legible shall be rejected.**

2.5 Each bidder shall submit only ONE EOI either by herself/himself or as a partner in a joint venture or as a member of consortium. If a bidder or any of the partners in a joint venture or any one of the members of consortium participate in more than one EOI, the EOIs are liable to be rejected.

2.6 The bidder shall bear all costs associated with the preparation and submission of EOI and BECIL will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the EOI process.

2.7 In case the bidder has any doubt about the meaning of anything contained in the EOI document, she/he shall seek clarification within 7 days of issue of EOI. Except for any written clarification by **Shri Mazhar Umer, Dy. General Manager (IT), BECIL via email (mazhar.umer@becil.com)** no written or oral communication, presentation or explanation by any other employee of BECIL shall be taken to bind or fetter BECIL under the contract.

2.8 Bidders shall have to submit an amount of **Rs. 2,000/- (Rupees Two Thousands Only) in the form of Demand Draft** drawn on any scheduled bank at Noida in favour of "**Broadcast Engineering Consultants India Limited**" Payable at Noida along with the EOI towards the **cost of EOI Document** and **no other mode of payment is acceptable.** EOI Document is also available at BECIL Office: **C- 56/A17, Sector-62, Noida-201307.** The cost of EOI document is non-refundable. **EOI Document once sold will not be taken**

back.

2.9 The Management of BECIL reserves the right to amend or withdraw any of the terms and conditions mentioned in the EOI Document or reject any or all the bids without giving any notice or assigning any reason. The decision of the Chairman and Managing Director, Broadcast Engineering Consultants India Limited in this regard shall be final and binding on all.

2.10 Submission of EOI

- i. EOI, complete in all respects, must be submitted on or before the due date and time i.e **04.05.2017 at 01:00 PM IST**). In the event of the specified date for the submission of EOI being declared a holiday, the EOI can be submitted by **01:00 PM IST** on the next working day for which BECIL will make necessary provisions.
- ii. BECIL may, at its own discretion, extend the date for submission of EOI. In such a case all rights and obligations of BECIL and the Bidders shall be applicable to the extended time frame.
- iii. As the EOI can be submitted only up to the defined date and time, there can't be any late bids. BECIL will not be responsible for any delay in obtaining the terms and conditions of the tender.
- iv. The bidders submitting their EOI through courier/by post should also ensure that their EOI are received on the said address by the stipulated date and time i.e. **04.05.2017 at 01:00 PM IST**. No time extension for couriers/sent by post shall be granted and BECIL will not be responsible for any postal delays/loss/non-receipt thereof.
- v. The EOI submitted by telex/telegram/fax/email or any manner other than specified above will not be considered. No correspondence will be entertained on this matter.
- vi. At any time prior to the last date for receipt of EOI, BECIL may for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder, modify the EOI Document by an amendment. The amendment will be notified on BECIL's website <http://www.becil.com> and should be taken into consideration by the prospective bidders while preparing their EOI.
- vii. In order to give prospective bidders reasonable time to take the amendment into account in preparing their EOI, BECIL may at its discretion, extend the last date for the submission of EOI. No EOI may be modified subsequent to the last date for receipt of EOI.
- viii. The EOI shall be ignored, if complete information is not given there-in, or if the particulars and data (if any) asked for are not filled in.

2.11 Opening of EOI

- i. BECIL shall convene an EOI opening session on **04.05.2017 at 02:30 PM IST**. Envelope-I containing the payment towards the EOI document shall be opened first. One representative from the bidders may participate. Authorization will be required for attending bid opening.
- ii. Envelope – II will be opened subject to payment towards the EOI document.

3 Broad Scope of Work

3.1 The scope of work envisaged for the potential projects is broadly categorized as given below:

- i. Design and development of MPEG-4 DVB-S2 and MPEG-2 DVB-S DTH Set Top Box including mechanical design of enclosure on top of framework developed by Design, the iCAS (Indigenous Conditional System) supplier. Application development and software customization as per operator and market requirement.
- ii. BOM optimization for the product cost targeted by BECIL and software optimization for performance and footprint.
- iii. iCAS integration for different variants of DTH STB.
- iv. SW Testing as per IEC/BIS standards and specifications defined by Doordarshan.
- v. Product validation for DD requirements and IEC/BIS standards.
- vi. Certification as per DVB S2/S standards defined by IEC/BIS as applicable.
- vii. Safety and EMI/EMC certification testing as applicable.

4. Qualification / Eligibility Criteria for the Bidders

Following are the Qualification / Eligibility Criteria to participate in the EOI (**Bidder is required to fulfil all the condition of Qualification/ Eligibility Criteria and in case any of condition is not met, EOI will be rejected**)

- i. ISO 9001:2008, CMMi L3 certification.
 - ii. 5 years of experience in embedded, communication and RF product design, development, testing and certification.
 - iii. In-house strength of 100+ embedded engineers for hardware, software, mechanical and test and validation.
 - iv. Annual turn-over must be average INR 20 Cr in last three financial years; proof to be submitted.
 - v. Having internal labs with A-grade tools and equipment for embedded communication software and middleware development and STB hardware design and production support.
- 4.1 The bidder should be registered under Indian Companies Act. A copy of registration should be submitted along with the taxation detail. The company must be in existence for a minimum of 5 years in Product Development and Certification.
- 4.2 Bidder should comply with the code of integrity as specified in the tender document (**self-declaration on letter head**).
- 4.3 The Bidder should not be insolvent, in receivership, bankrupt or being wounded up, not have its affairs administered by a court or a judicial officer, not have its business activities suspended and must not be the subject of legal proceeding for any of the foregoing reasons. A bidder should submit solvency certificate from the banker of having the financial strength for Rs 1 Cr.
- 4.4 The net worth of the company should not be negative and should **submit positive net worth certificate as certified by the statutory auditors**.
- 4.5 The agency must have at least 10 years of experience in the product manufacturing and must have

successfully executed at least two projects for Govt. /Semi Govt. /PSU **OR** should have executed at least 2 projects in STB domain.

- 4.6 The Bidder must have **valid ISO Certification** for the Financial Year 2016-17.**Documentary proof is required.**
- 4.7 Undertaking (on Non Judicial stamp paper of Rs.100/-, duly Notarized) that the Bidder has **neither been boycotted nor blacklisted by any of its clients and there is no litigation pending against it with any of the clients in the past three years.**
- 4.8 The Bidder must provide a list of clients/customers with contact details such as postal address, landline phone no. & cell phone no. and e-mail id where services has been provided in the last three years in the format given at **ANNEXURE-I.**
- 4.9 The Bidder should **provide proof of registration** for:
- i. Company Registration Certificate
 - ii. TIN/VAT/CST/Excise registration documents.
 - iii. Registration under Contract Labour (Regulation & Abolition) Act, 1970

5. General Terms and Conditions:-

The empanelled agencies will have to give an **undertaking that they will not participate in a tender of same business without obtaining NOC from BECIL.** BECIL will blacklist such agencies due to breach of trust and demand suitable compensation (to be decided at that time).

The empanelled agencies will have to enter into an agreement with BECIL for a period of at least three (3) years for manufacturing the desired items.

6. Bidder code of conduct and business ethics

BECIL is committed to its 'values & beliefs' and business practices to ensure that companies and Bidders, who supply goods, materials or services, will also comply with these principles.

a. Bribery and corruption:

Bidder are strictly prohibited from directly or indirectly (through intermediates or subcontractors) offering any bribe or undue gratification in any form to any person or entity and / or indulging in any corrupt practice in order to obtain or retain a business or contract.

b. Integrity, indemnity & limitation:

Bidder shall maintain high degree of integrity during the course of its dealings with business/contractual relationship with BECIL. If it is discovered at any stage that any business/ contract was secured by playing fraud or misrepresentation or suspension of material facts, such contract shall be voidable at the sole option of the competent authority of BECIL. For avoidance of doubts, no rights shall accrue to the Bidder in relation to such business/contract and BECIL or any entity thereof shall not have or incur any obligation in respect thereof. The bidder shall indemnify BECIL in respect of any loss or damage suffered by BECIL on account of such fraud, misrepresentation or suspension of material facts.

c. Reporting Misconduct:

Bidders are required to report any misconduct/violations/improper demands from BECIL employees to the Chief Vigilance Officer/Director (O&M)/CMD. All communication in this regard should be directed only to above as per below mentioned email ids;

Chairman and Managing Director : george@becil.com

No Communication shall be encouraged to any other authority / external sources in this regards.

SELF DECLARATION FOR THE CODE OF INTEGRATY

(To be included in the RFP)

I/We shall maintain a high degree of integrity during the course of my/our dealings business/contractual relationship with BECIL. If it is discovered at any stage that any business/ contract was secured by playing fraud or misrepresentation or suspension of material facts, I/We authorize BECIL to term such contract as voidable at the its sole option.

Place: _____

**Signature of Authorized Signatory
on behalf of Agency**

Date: _____

Address: _____

Mob: _____

Email ID: _____

ANNEXURE- I

LIST OF CLIENTS

S. No.	Name of Client	Period of Contract	Value of contract (in INR)	Name/Designation of Contact person	Telephone/Mobile number

Signature:

Name & Designation of the Authorized Signatory:

Seal of the Organization:

Date:

Place:

ANNEXURE- II

UNDERTAKING & ACCEPTANCE LETTER BY THE BIDDER

(To be included in the EOI)

I/We have carefully gone through the various terms and conditions listed in the EOI Document for providing manufacturing, sales and support services for the complete DTH set for BECIL as an empanelled agency. I/We agree to all these conditions and offer to provide manufacturing, sales and support services at BECIL and submitting this EOI after carefully reading the conditions and understanding the same without any kind of pressure or influence from any source whatsoever. I/We hereby sign this undertaking in token of our acceptance of various conditions listed in the EOI document.

Place: _____

**Signature of Authorized Signatory
on behalf of Agency**

Date: _____

Address: _____

Mob: _____

Email ID: _____