

(EOI)

FOR

**SELECTION OF IMPLEMENTATION AGENCY TO SUPPLY THE REQUIREMENT OF SCADA
INTEGRATED SMART MAINTENANCE & AUDIT MODULE FOR HYDRO PLANT TO NEEPCO**

Reference No: BECIL/IT&Mfg./GM(MU)/2021/NEEPCO/EOI/01

(Dated: 19/02/2021)



ब्रॉडकास्ट इंजीनियरिंग कंसल्टेंट्स इंडिया लिमिटेड
(सूचना एवं प्रसारण मंत्रालय के अधीन-भारत सरकार का उद्यम) (मिनि रत्ना कंपनी) (CIN - U32301UP1995GOI017744)
BROADCAST ENGINEERING CONSULTANTS INDIA LIMITED
(A Government of India Enterprise - Under Ministry of Information & Broadcasting) (A Mini Ratna Company)
पंजीकृत एवं कॉर्पोरेट कार्यालय : बेसिल बिल्डिंग, सी-56/ ए-17, सेक्टर-62, नोडा-201307 (उत्तर प्रदेश)। फोन : +91 120 4177850, फैक्स : +91 120 4177879
Registered & Corporate Office : BECIL BHAWAN, C-56/ A-17, Sector-62, Noida-201307 (U.P.), Tel. : +91 120 4177850, Fax: +91 120 4177879



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

Corporate Office: C-56/A17, Sector-62, Noida-201307
Tel:0120-4177850 Fax: 120-4177879

Contact Email: pruthvigopal@becil.com

Website: www.becil.com

S.No	Description	Details
1.	EOI No	BECIL/IT&Mfg./GM(MU)/2021/NEEPCO/EOI/01
2.	Date of Issue of EOI	19/02/2021
3.	Pre-bid Meeting	23/02/2021, through e-Mail
3.	Last date of Submission of bid	25/02/2021 till 1:00 P.M
4.	Opening of Technical Bid	25/02/2021, 2:00 P.M
6.	Opening of Financial Bid	26/02/2021, 2:00 P.M
7.	Tender Processing Fees	INR 10,000 (Rupees Ten Thousand Only) (Non-Refundable) (Payable only online by RTGS, NEFT and IMPS).
8.	Bid Validity	90 days
9.	Helpdesk of ITI	011-49606060 (From10:00hrsto18:00hrs)
10.	Contact Person	Name: Pruthvi Gopal Reddy Mail ID: pruthvigopal@becil.com Ph no: 7290075702
11.	Bid submission	Online portal becil.euniwizarde.com Hard Copy of Financial Bid Only to be dropped in tender box at: BECIL Bhawan, C-56/A-17, Sector-62, Noida, U.P-201307. (* Should be addressed to Mr. Mazhar Umer, General Manager & Reference No written-on Top)

Note: BECIL reserves the right to amend the ENQUIRY tentative schedule and critical dates.

Proposed By:
Mazhar Umer

Approved By:
Chairman and Managing Director

1. ABOUT BECIL:

1.1 Broadcast Engineering Consultants India Limited (BECIL) and ISO9001:2008 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, Manufacturing and various Information Technology (IT) related fields, including security, surveillance, acoustics & audio-video systems and smart cities.

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

Part I–General Information

a) Complete EOI document can be download from e-Tender portal of BECIL

<https://becil.euniwizarde.com> and www.becil.com.

b) Technical Bid will be submitted concurrently duly digitally signed on the website

<https://becil.euniwizarde.com>.

c) It is mandatory for all the applicants to have Class-III Digital Signature Certificate (in the name of person who will sign the bid document) from any of the licensed certifying Agency.

d) EOI Processing Fee shall be **Payable only online by RTGS, NEFT and IMPS** (Please refer to BECIL Mandate form).

2. EOI NOTICE:

2.1 Broadcast Engineering Consultants India Limited (BECIL) invites online/e-tender Expression of Interest (EOI) in **2 bid system**, from agencies having proven experience and ability in the supply of SCADA integrated smart maintenance & audit module for ANY hydro plant. **The “Technical Bid” contains Technical Compliance documents & PAYMENT (tender fees Payable only online by RTGS, NEFT and IMPS documents towards eligibility criteria). The “Financial Bid” contains filled in**

Annexure II on letter head.

- 2.2 The EOI must be submitted in English only with a font size of 12. All the documents 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.
- 2.3 Each bidder shall submit only ONE EOI through our online tendering portal either by herself/himself.
- 2.4 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.
- 2.5 In case the bidder has any doubt about the meaning of anything contained in the EOI document, she/he shall seek clarification during Prebid meeting via email to pruthvigopal@becil.com, no other communication shall be taken.
- 2.6 The processing fee of EOI document are non-refundable.
- 2.7 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.

3. Submission of EOI

- 3.1 EOI, complete in all respects, must be submitted over our online tendering portal "<https://becil.euniwizarde.com>" on or before the due date.
- 3.2 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.
- 3.3 As the EOI can be submitted only up to the defined date and time, there can't be any late bids.
- 3.4 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 <https://becil.euniwizarde.com> should be taken into consideration by the prospective bidders while preparing their EOI.

3.5 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.

3.6 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.

3.7 Consortium is not allowed.

4. Opening of EOI

4.1 BECIL shall convene an EOI opening session on as per schedule. One representative from the bidders may participate. Authorization will be required for attending bid opening.

5. Objective

BECIL received a letter from North Eastern Electric Power Corporation Limited (NEEPCO) for techno-commercial proposal to Supply SCADA integrated smart maintenance & audit module for their hydro plant as per Technical specifications mentioned in Annexure-1. So, BECIL is willing to provide required services with an execution/implementation partner having relevant experience in this field. Hence, we are floating this EOI to select the Supplier.

6. Scope of Work (Technical Specifications)

Supply of SCADA integrated smart maintenance & audit module for NEEPCO hydro plant as per mentioned in Annexure-1 to North Eastern Electric Power Corporation.

7. Technical Capability

S.No.	Eligibility Criteria	Supporting Documents for supporting the eligibility criteria
1	Bidder should be a legal entity registered entity with respect to Indian authority.	Copy of the Registrations with taxation Department /Certificate of incorporation should be submitted.
2	Bidder should have worked in North EAST.	Relevant document stating the work experience.
3	Bidder should have been in existence for more than 2 years.	Copy of work order/agreement/COI.
4	Bidder should have Average annual turnover of minimum 1 Crore for last three (3) financial years with positive net worth (2018-2019, 2019-2020 & 2020-21).	Copy of P&L and balance sheet for past 3 year and CA certificate for the same.
5	PAN, GST, EPF, ESIC, ISO 9001:2015, ISO 27001 Registration needed from Bidder.	Copy of Valid Registration Certificates.
6	Bidder submitting any false credentials, the Tenderer shall be black listed for 3 (three) years.	An affidavit in this regard has to be submitted on a stamp paper of Rs 100/-
7	Bidder should not have abandoned any of their contracts for government or any other public sector undertakings during the last five years anywhere in the country.	An affidavit in this regard has to be submitted on a stamp paper of Rs 100/-
8	Bidder should submit an undertaking, that it has neither been boycotted or blacklisted by any Government Institution/PSU for supplies desired/ intended in this EOI.	An affidavit in this regard has to be submitted on a stamp paper of Rs 100/- duly notarized.
9	Bidder should have Executed/ongoing SCADA integrated smart maintenance & audit module for hydro plant project or similar projects of minimum 10 Lac for last five (3) financial years (2018-2019, 2019-2020 & 2020-21).	Copy of work order/agreement
10	Bidder has Minimum of 2 Government Work Orders	Copy of work order/agreement

QCBS

#	Eligibility Criteria	Max Marks
1	The Bidder has prior experience in India Experience of >=5 years: 10 Points Experience of [3-5) years: 5 Points Experience of [2-3) years: 2 Points	10
2	The Bidder has executed/ongoing SCADA integrated smart maintenance & audit module for hydro plant project or similar projects across India in last 3 years with Cumulative Project Value of more than INR 30 Lac: 15 Marks, Value of INR [15-30) Lac: 10 Points Value of INR [10-15) Lac: 5 Points	15
3	The Bidder must have valid Certificates for (In case of Consortium, All Member should satisfy one of the following) ISO 27001 & ISO 9001: 10 Points ISO 9001: 5 Points	10
4	The average annual turnover of the Bidder in the last 3 financial years (2018-2019, 2019-2020 & 2020-21). (In case of Consortium, Highest of the Members would be considered) >=2 Crore: 10 Points [1 Crore- 2 Crore): 5 Points	10
5	The Bidder should have experience of working for Government Client's, Work Orders from Government Clients of >=5: 15 Points [3-5): 10 Points [2-3): 5 points	15
6	Technical Presentation <ul style="list-style-type: none">• Demo: 20 Points• Company Profile, Projects undertaken, Project planning and Implementation procedures, Management Team, Approach and Methodology, MOPs and SOPs: 20 Points	40
Total		100

Financial Capability

*As per Annexure 2

Method of Selection-

The Effort Estimation of the technically qualified participating vendors will be opened by the Committee on the prescribed date in the presence of the vendor's representatives. The

names of technically qualified participating vendors with their overall technical scores shall be read aloud. The effort estimations will then be inspected to confirm that they have remained sealed and unopened. This effort estimation shall be then opened, and the total prices (Financial Quote) read aloud and recorded.

The vendor with lowest qualifying Financial Quote (L1) will be awarded normalized score of 100 (amongst the participating vendor which did not get disqualified on the basis of technical score). Financial Scores for other than L1 participating vendor will be evaluated using the following formula: Financial Score of a Vendor (Fn) = {(Financial Quote of L1/Financial Quote of the Vendor) X 100} (Adjusted to two decimal places).

Combined and Final Evaluation

The technical and financial scores secured by each vendor will be added using weightage of 70% and 30% respectively to compute a Composite Bid Score.

The overall score will be calculated (to two decimal points) as follows: - $B_n = 0.70 * T_n + 0.30 * F_n$
 Where B_n = overall score of vendor T_n = Technical score of the vendor (out of maximum of 100 marks) F_n = Normalized financial score of the vendor

The vendor securing the highest Composite Score will be adjudicated as the selected vendor for award of the Project. In the event the composite bid scores are “tied”, the vendor securing the highest technical score will be adjudicated as the selected vendor for award of the Project.

Example: Illustration of calculation based on dummy data.

Score	Weights assigned	Vendor (X)	Vendor (Y)
Technical	0.70	83	77
Financial	0.30	100	45
Composite Score		88.1	67.4

Vendor (X) is selected as I.A, based on highest score.

***BECIL has the right to scrap this tender at any stage during evaluation.**

8. 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.

8.1 **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.

8.2 **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.

8.3 **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 regard.

9. OTHER TERMS & CONDITIONS:

9.1. There is no commitment of business and the RFP shall be floated to empaneled agency for price discovery.

9.2. Empanelment shall be valid for duration of execution of this project.

9.3. Separate PBG, if required from bidder would be covered in MoU after empanelment, before award of any contract.

9.4. Firm/Organization should have unblemished past record and must not have been declared ineligible for corrupt and fraudulent practices either indefinitely or for a period.

9.5. Bid will not be accepted after the date and time fixed for receipt as is set in notification or subsequent extensions if any. Our Online tendering portal shall accept bid only up to designated time.

9.6. Relevant documents in proof should be uploaded wherever required.

9.7. Firm should have GST, Service Tax & Income Tax registrations, PAN, other necessary Registration (furnish proof).

9.8. Firm should submit copies Income returns submitted as requested.

9.9. Firm should submit copies GST Certificate from the Authorities.

9.10. BECIL has sole right to accept or reject any bids. If required BECIL may reject all bids received without assigning any reason.

9.11. Firm/Organization on successful selection should execute an MOU with BECIL about the project. In case of dispute in the MOU, decision of CMD, BECIL will be binding on both parties.

9.12. Vendors shall take necessary precautions to get registered in e- Procurement platform in a timely manner and submit their proposals before bid submission timelines specified in e-Procurement platform.

9.13. At any time prior to the last date for submission of tenders, BECIL may modify the EOI and such modified EOI will be made available in e-Procurement web site and such modification shall be binding on all concerned. BECIL, at its discretion, may extend the last date for submission of tenders.

9.14. The bid inviting authority may, at its discretion, extend the last date for submission of bid, in which case, all rights and obligations of the tendering authority and the vendors, subjected to the previous last date, will thereafter be subject to such extended last date.

9.15. Any bid received by the bid inviting authority through any means /channel other than e-tendering platform will be rejected.

9.16. The date and time for opening bids will be as per the timelines specified in e-tendering platform. Vendor shall watch the e-tendering site to learn about the addenda and corrigenda issued to this EOI.

Annexure-1

Brief summary of functional requirements

One of the hydro plants of NEEPCO has installed extensive machinery which tracks all the various operational parameters to ensure the plant is run at optimum efficiency. Currently there is no centralised system to monitor all the parameters at a single dashboard.

The proposed system should have extensive integration capabilities that allows communication with 800+ Scada I/O points and also the capability to allow the field staff to capture almost similar number of data points from the non-digitially connected devices through mobile devices.

They are looking to deploy an automated system that can collate all the data points and generate insights. Using these insights generate on-field actions that can be monitored as per defined SLA. The integrated platform must-have capabilities of processing IoT and Analogous system data, generate insight, trends, pattern identification, and analysis using AI /ML models and Dashboards for respective individuals.

The platform should also have state-of-the-art field operation management module to auto-generate and assign maintenance, inspection, repair and other task items to respective on-field officials and vendors and have strict monitoring SLA for the same. This should be configurable “on-the-fly” for fast change management with minimal coding required.

The system should also facilitate efficient and real-time communication between the on-field staff and the middle/upper management to ensure transparency and effective information sharing throughout the organization. There should be provisions for the top management to be able to issue notices, notifications and broadcasts to all the stakeholders.

Lastly, this system should enable monitoring of all civil, mechanical and electrical works being undertaken at the plant for financial and temporal compliance. The system must be capable of implementing all audit and compliance checks through dynamic forms and workflows for our systems. Furthermore, we envision that the system must be mobile-first, secure, and capable of working in no-network areas.

FINANCIAL BID FORMAT

Sr. No.	Description (Services)	Rate (in INR)
1	Integration with up to 1000 SCADA I/O points	
2	License for Advanced Analytics Module for one plant	
3	License for Operation management module with mobile-first interface up to 1000 users	
4	90-day Implementation including SRS, configuration, development, testing, deployment and documentation of workflows, dashboards & SLAs as per client need	
5	Server deployment and backend configurations for firewalls, proxies & API gateways	
6	User onboarding/ LDAP integration and dynamic RBAC configuration	
7	Program execution along with post go-live Training and support	
	GST @18%	
	Grand Total	

PROPOSAL SUBMISSION COVERING LETTER

To,
The Chairman and Managing Director, Broadcast
Engineering Consultants India Ltd C 56, A/17,
Sector - 62,
Noida-201307 (UP)

Dear Sir,

We, the undersigned on behalf of **(name of the agency)**, wish to submit our offer **(title of project)** in accordance with your Request for Proposal **(EOI reference)** dated **(insert Date)**. We are hereby submitting our Proposal, which includes a Technical Proposal and a Financial Proposal sealed under separate envelope.

We are also attaching the Tender FEE for INR 10,000/- (Rupee Ten Thousand only) as applicable as a bank draft drawn on **[insert bank name, branch name and DD number, date]** in favor of Broadcast Engineering Consultants India Limited, New Delhi, payable at Delhi as required for the submission of bid.

We are submitting our Proposal in individual capacity. We hereby declare that all the information and statements made in this Proposal are true and accept that any misinterpretation contained in it may lead to our disqualification.

We undertake, if our Proposal is accepted, to start the services with immediate effect or as stipulated in the work order.

We understand you are not bound to accept any Proposal you receive.

Yours Sincerely,

Authorized Signature

[In full and initials and attach authorization to represent the company]

Name and Title of Signatory Name of Firm Address

SELF DECLARATION FOR THE CODE OF INTEGRITY

(on Bidder's Letter Head)

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:

Mobile:

Email ID:

UNDERTAKING & ACCEPTANCE LETTER BY THE BIDDER

(On Bidder's Letter Head)

I/We have carefully gone through the various terms & conditions and Scope of Work listed in the EOI for "**SELECTION OF IMPLEMENTATION AGENCY FOR SUPPLY OF SCADA INTEGRATED SMART MAINTENANCE & AUDIT MODULE FOR HYDRO PLANT TO NEEPCO**". I/We agree to all these conditions and offer to provide our services/product for 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:

Mobile:

Email ID:

Annexure-6

Request for Proposal “SELECTION OF IMPLEMENTATION AGENCY FOR SUPPLY OF SCADA INTEGRATED SMART MAINTENANCE & AUDIT MODULE FOR HYDRO PLANT TO NEEPCO”

Reference No: BECIL/IT&Mfg./GM(MU)/2021/EOI/NEEPCO/01

Details of the Bidder (Company)

	Name of the bidder	
	Address of the Bidder	
	Status of the Company	Public Ltd / Pvt. Ltd / Others
	Details of Incorporation of the Company [Attach copy of Incorporation certificate]	Date:
		Ref. #
	Details of Commencement of Business	Date:
		Ref. #
	Valid VAT registration no. [Attach certificate]	
	Permanent Account Number (PAN) [Attach certificate]	
	Name & Designation of the contact person to whom all references shall be made. (Power of attorney, copy of board resolution to be enclosed)	
1	Telephone No. (with STD Code) Mobile No.	
	E-Mail of the contact person:	
	Fax No. (with STD Code)	
	Manpower details	Technical Others

Authorized Signatory

Bidder

FORMAT FOR EXPERIENCE DETAILS

Orders placed by (Full address of Purchaser)	Order No. and Date	Description and Quantity of ordered	Value of Order	Date of completion of delivery as per contract/actual	Remarks indicating reasons for late delivery if any.

Name of the Firm:

Seal & Signature:

BECIL MANDATE FORM

कापारशन बक
(सर्वजनिक क्षेत्र का अग्रणी बैंक)
लोधी कॉम्प्लेक्स शाखा
ब्लॉक -11, भू-तल, सीजीओ कॉम्प्लेक्स
फेज -1, लोधी रोड
नई दिल्ली - 110 003

Corporation Bank
(A Premier Public sector Bank)
LODHI COMPLEX BRANCH
Block-11, Ground Floor, CGO complex
Phase 1, Lodhi Road
NEW DELHI 110 003

Mandate Form

The details for the facilitating the payments are given below:

A	Name of the Beneficiary	BROADCAST ENGINEERING CONSULTANTS INDIA LIMITED
i	Address with Pin Code	C-56/A-17, Sector-62, Noida -201307 (UP)
ii	Permanent Accountat Number	AAACB2575L
iii	(a) Telephone Number with STD Code	120-4177850
	(b) Fax Number	0120 4177879
	(c-) Contract Person	Awadhesh Pandit , AGM (F&A) Mobile Number -8130918866
	(d) E-Mail Address	panditmd@becil.com
B	Bank Particulars	
i	Bank Name	Corporation Bank
ii	Bank Telephone No. with STD Code	011-24369891
iii	Branch Address with Pin Code	CGO Complex, Lodhi Road, New Delhi -110003
iv	Bank E-Mail	cb0371@corpbank.co.in
v	11 Character IFSC Code of the Bank (Either enclosed a Cancelled Cheque or Obtain Bank Certificate as Appended)	CORP0000371
vi	Bank Account Number as Appering on the Cheque Book	565101000065461
vii	Bank Account Type (Tick One)	Overdraft Account
viii	If Others, Specify	

Certified that the particulars furnished above are correct as per our records.

For Corporation Bank
श्रीराम प्रसाद / Sr. Manager
लोधी कॉम्प्लेक्स, शाखा, नई दिल्ली
CGO Complex Branch, New Delhi
Bank Stamp with Authorised Signatory

Date: 05/02/2018

फोन PHONE 011-24392051,24369891,24361469, फैक्स FAX 011-24363542 ई-मेल E-mail -
cb0371@corpbank.co.in
"हिन्दी का प्रयोग करें यह आसान है।"



कार्पोरेशन बैंक
Corporation Bank

LODHI COMPLEX BRANCH(0371), DELHI - 110003
IFS CODE : CORP0000371

यह लिखत जारी करने की तारीख से तीन महीने के लिए वैध है।
The instrument is valid for three months from the date of issue.

D	D	M	M	Y	Y	Y	Y

Pay

या धारक को or Bearer

रुपये Rupees

Cancelled.

अदा करें

₹

A/c. No. 565101000065461

A/c No. For NEFT/RTGS/ECS/DBT
565101000065461

For BROADCAST ENGINEERING CONSULTANTS INDIA LTD

कार्पोरेशन बैंक की सभी शाखाओं में देय
Payable at all branches of Corporation Bank

Authorised Signatory

Please sign above

⑈023856⑈ 110017007⑈ 201801⑈ 11