

REQUEST FOR PROPOSAL (RFP)

**COMPREHENSIVE ANNUAL MAINTENANCE CONTRACT (CAMC) OF RF
DOWNLINK SETUP FOR 900 TV CHANNELS AT ELECTRONIC MEDIA
MONITORING CENTRE (EMMC), SOOCHNA BHAWAN, NEW DELHI.**

Ref No. BECIL/EMMC/CAMC-RF/2019-20/01

Dated: 07.05.2019



**Broadcast Engineering Consultants India Limited
(A Government of India Enterprise)
(A Mini Ratna Company)**

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Invitation to Bid (ITB)

Comprehensive Annual Maintenance Contract (CAMC) of RF DOWNLINK setup for 900 TV CHANNELS at Electronic Media Monitoring Centre (EMMC), Soochna Bhawan, New Delhi.

- 1) BECIL has been engaged as Turnkey partner for Setting up of Electronic Media Monitoring Centre at Soochna Bhawan, Delhi.
- 2) BECIL invites bids from eligible and qualified Bidders for the Bid for Comprehensive Annual Maintenance Contract (CAMC) of RF DOWNLINK setup for 900 TV CHANNELS at Electronic Media Monitoring Centre (EMMC), Soochna Bhawan, New Delhi.
- 3) Bidding will be conducted through the Two Envelope Competitive Bidding procedures specified in the GFR Procurement Manual, and are open to all eligible Bidders as defined in this ITB.
- 4) Qualification requirements are specified in the ITB.
- 5) Bids must be delivered as specified in the Instructions to Bidders of this ITB (please read this part carefully). Late bids will be rejected.

Pre-cleared & Approved by:

**George Kuruvilla
CMD, BECIL**

ITB for CAMC

Summary

Section I. General Information & Instructions to Bidders

This Section provides information to help Bidders prepare their bids. Information is also provided on the submission, opening, and evaluation of bids and on the award of Contracts. Section I contains provisions that are to be used without modification.

Section II. Generic Requirement

This Section includes Generic for which Comprehensive Annual Comprehensive Maintenance (CAMC) to be provided.

Section III. Enclosure

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SECTION I

GENERAL INFORMATION & INSTRUCTIONS TO BIDDERS

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A. RFP SCHEDULE AND CRITICAL DATES

The RFP tentative schedule and critical dates are shown below:

	EVENT	DATE
1.	RFP Issue to Prospective Bidders	07.05.2019
2.	Pre Bid Meeting	14.05.2019 at 1500 Hours
3.	Venue for Pre Bid Meeting	BECIL BHAWAN, C-56- A/17, Sector -62, Noida 201 301,Uttar Pradesh
4.	Submission of Proposals/bids	27.05.2019 up to 13:00 hours
5.	Venue for Submission and Opening of Bids	BECIL BHAWAN, C-56- A/17, Sector -62, Noida 201 307,Uttar Pradesh
6.	Opening of Technical Bids	27.05.2019 up to 14:30 hours
7.	Technical evaluation of bids	To be intimated
8.	Opening of Financial Bid	To be intimated
9.	Commercial Bid evaluation	To be intimated
10.	Award of Purchase Order	To be intimated

BECIL reserves the right to amend the RFP tentative schedule and critical dates.

The tender document can be downloaded from our website www.becil.com and a Demand draft of **Rs. 5,000/- (Rupees Five Thousand only)** must be submitted along with the bid otherwise the bid will be rejected.

Demand Draft should be in favor of “**Broadcast Engineering Consultants India Limited**” payable at New Delhi.

No tender document will be issued after the last date as mentioned above.

B. INTENT OF THE REQUEST FOR PROPOSAL

Broadcast Engineering Consultants India Limited has been engaged as a turnkey partner for Augmentation of RF Downlinking, Logging and Media Monitoring facilities of Electronic Media Monitoring Centre (EMMC), Delhi.

The purpose of this RFP is to select the agency for awarding On-Site Comprehensive Annual Maintenance Contract and Operation of items/ equipments/ systems (as per equipment list under heading Specifications) installed, commissioned at Electronic Media Monitoring Centre (EMMC), Delhi in the year 2013-14 & 2014-15.

Table-01

S. No.	Product	OEMs	Start date of CAMC	CAMC Valid up to
1.	CAMC of RF DOWNLINK SETUP FOR 900 TV CHANNELS	M/s Evertz & M/s Spacelink	01.06.2019 or Date of award of Work Order (Whichever is later)	31 st March 2020

C. PROCEDURE AND TERMS & CONDITIONS

1. The proposal is to be submitted in **TWO BID SYSTEM** with **separate Technical and Financial bid** under separated sealed covers.

2. TWO BID SYSTEM

All bidders are required to submit their offer in two covers as under:-

2.1 Technical Bid should contain the following:-

- (i) Tender documents duly completed and signed BUT WITHOUT INDICATING THE RATE QUOTED.
- (ii) The technical details of the models offered along with the supporting original technical literature, Leaflets, Brochure etc. in duplicate.

2.2 Financial bid should contain the following:-

- (i) Details of rate, taxes, duties, discount, if any, quoted by the bidder strictly as per the format of Bill of Material (BOM). These details should be submitted on their letter head.

Both the above mentioned bids should be sealed separately and therefore be kept in a third cover and sealed again.

This cover should also be superscripted with “**Bid for Comprehensive Annual Maintenance Contract (CAMC) of RF Downlink setup for 900 TV channels at Electronic Media Monitoring Centre (EMMC), Sochna Bhawan, New Delhi**” against tender enquiry no. BECIL/EMMC/CAMC-RF/2019-20/01 dated, so as to reach us on or before 1300 Hrs on **27.05.2019**.

The composite bid i.e. rate indicated in the Technical bid openly in tender is liable to be ignored. Only the first cover i.e. Technical bid shall be opened on the date of tender opening.

The words “**TECHNICAL BID**” should be written clearly and prominently on the First cover along with tender no. and date of opening. Similarly, the words “**FINANCIAL BID**” should be written clearly and prominently on the second cover along with Tender No. and date of opening.

3. Bid Responses must be addressed to and submitted at the following address:

**The Chairman & Managing Director
Broadcast Engineering Consultants India Ltd,
C-56 A/17, Sector -62, Noida 201 307
Tel: 0120-4177850, Fax: 0120-4177879**

4. Complete bid should reach the office of BECIL, on the above address, not later than 1300 hours on 27.05.2019. Bids received beyond the specified date & time will be rejected. It is the responsibility of the Bidder to confirm that the bids have been received on time & to the proper place within the specified dates. Facsimile and electronic replies are not acceptable.
5. All bids are to remain valid for **Six months** from the date of opening of financial bid.
6. BECIL reserves the right to solicit additional information from Bidders to evaluate which bid best meets the need of the Project. Additional information may include, but is not limited to, past performance records, lists of available items of work will be done simultaneously with the project, on-site visit and evaluations by BECIL personnel, or any other pertinent information. It will be vendor’s responsibility to check for updated information on BECIL’s web site www.becil.com.
7. Additional questions should be submitted in writing to:
Broadcast Engineering Consultants India Ltd,
C-56 A/17, Sector -62, Noida 201 307
Tel: 0120-4177850 Fax: 0120-4177879
E-mail: itprojects@becil.com
8. BECIL will make its decision based on the ability of the Bidder(s) to meet our specific needs, technical expertise of the Bidder(s), delivery capabilities, customer references, past satisfactory performance experience, system completeness is must besides cost.

9. BECIL reserves the right to waive off any deviations, accept the whole or part thereof or reject any or all bids and to select the Bidder(s) which, in the sole opinion of the Project Incharge, best meets the project's interest. BECIL also reserves the right to negotiate with potential bidders so that its best interest to fulfill the need of project is served.
10. BECIL reserves the right to reject any and all proposals, to negotiate all terms of any agreement resulting from this request for proposal, and to request additional information from vendors.
11. All information contained in this RFP, or provided in subsequent discussions or disclosures, is proprietary and confidential. No information may be shared with any other organization, including potential sub-contractors, without prior written consent of the RFP Coordinator.
12. BECIL reserves the right to either increase or decrease the quantity of any or all the items included in suggestive bill of material which are estimated requirements and therefore open to variation.
13. BECIL reserves the right to alter/modify the scope of work mentioned in this RFP document at any state of the bidding process and contract.
14. BECIL reserves the right to terminate the contract at any stage of the work by giving 7 days notice if it is noticed that the delay occurred in any of the activities covered under the contract cannot be made good and will affect the overall work schedule. BECIL shall revoke the Performance Bank Guarantee of the bidder. The decision of CMD, BECIL shall be final and binding.
15. In case Company goes into liquidation or change in business/management, it will be intimated to BECIL & company will fulfill its commitment in case order is awarded to them.

16. Indemnification:

Contractor agrees to indemnify BECIL from any and all claims, demands, losses, cause of action, damage, lawsuits, judgments, including attorneys' fees and costs, arising out of or relating to the work of Contractor including the works as got done by Contractor through Sub-Contractor(s), if so appointed by the Contractor. BECIL shall have no role in engaging of sub-contractors by the Contractors and Contractor alone shall be responsible to such Sub-Contractors.

17. Arbitration:

Any dispute or difference or claim arising out of or in relation to this contract, including the construction, validity, performance or breach thereof, shall be settled or decided by arbitration to be conducted by CMD, BECIL or by any other person to be nominated by CMD,

BECIL. Arbitration shall be conducted as per Arbitration & Conciliation Act, 1996. The seat of the arbitration shall be at New Delhi.

The agency must ensure that there is no legal action/dispute initiated or pending at the time of signing of contract and during the execution and implementation (i.e. currency) of the project which is likely to concern or affect BECIL in any manner. If any such case is found pending, the contract will automatically become invalid and the agency will be penalized by withholding the EMD, PBG and legal action will be initiated as deemed fit by the competent authority. All ongoing and future business association with BECIL will also be terminated.

18. Jurisdiction

This Agreement shall be construed, interpreted and applied in accordance with, and shall be governed by, the laws applicable in India. The courts at Delhi shall have the exclusive jurisdiction to entertain any matter arising out of or in relation to this Agreement.

19. Conflict of Interest. Bidder/Vendor/Contractor represents and warrants the following:

1 **No Conflict of Interest:** that Contractor has any business, professional, personal, or other interest into the representation of other clients, that would conflict in any manner or degree with the performance of its obligations under this Agreement.

2 **Termination for Material Conflict.** If, in the reasonable judgment of the Company, such conflict poses a material conflict to and with the performance of Contractor's obligations under this Agreement, then the Company may terminate the Agreement immediately upon written notice to Contractor.

20. BECIL Obligations

BECIL reserves the right to accept any bid, reject any or all bids and to annul the bidding process at any time prior to the award of the contract without there by incurring any liability to the affected bidder/bidders or any obligations to inform to the affected bidder/bidders of the grounds for BECIL's action. Bidders are however free to address their queries on bidding conditions, bidding process and/or rejection of their bid by addressing appropriate communication addressed to CMD, BECIL for requisite information.

21. Force Majeure

- a. For the purposes of the work order under this RFP, "Force Majeure" means an event which is beyond the reasonable control of a Party, is not foreseeable, is unavoidable and not brought about by or at the instance of the Party claiming to be affected by such events and which has caused the non-performance or delay in performance, and which makes a Party's performance of its obligations hereunder impossible or so impractical as reasonable to be considered impossible in the circumstances, and includes, but is not limited to, war, riots, civil disorder, earthquake, fire, explosion, storm, flood or other extreme adverse weather conditions, strikes, lockouts or other industrial action (except where such strikes, lockouts or other industrial action are

within the power of the Party invoking Force Majeure to prevent), confiscation or any other action by Government agencies.

- b. Force Majeure shall not include (i) any event which is caused by the negligence or intentional action of a Party or by or of such Party's agents or employees, nor (ii) any event which a diligent Party could reasonably have been expected both to take into account at the time of the acceptance of the work order under this RFP, and avoid or overcome with utmost persistent effort in the carrying out of its obligations hereunder
- c. Force Majeure shall not include insufficiency of funds or manpower or inability to make any payment required for execution of services in respect of the work order under this RFP.
- d. The failure of a Party to fulfil any of its obligations hereunder shall not be considered to be a breach of, or default in respect of the work order under this RFP in so far as such inability arises from an event of Force Majeure, provided that the Party affected by such an event has taken all possible precautions, due care and all measures, with the objective of carrying out the terms and conditions of the Contract.

22. Statutory Duties & Taxes:

- (a) Any change in any duty/tax upward/downward as a result of any statutory variation taking place within contract terms shall be allowed to the extent of actual quantum of such duty/tax paid by the contractor. Similarly, in case of downward revision in any duty/tax, the actual quantum of reduction of such duty/tax shall be reimbursed to the customer by the contractor. All such adjustments shall include all reliefs, exemptions, Rebates, concession etc. if any obtained by the contractor.
- (b) If it is desired by the Bidder to ask for the GST to be paid as extra, the same must be specifically stated. In the absence of any such stipulation in the bid, it will be presumed that the prices quoted by the Bidder are inclusive of GST and no liability will be developed upon the Customer.
- (c) On the Bids quoting GST, the rate and the nature of GST applicable at the time of supply should be shown separately. GST will be paid to the Contractor at the rate at which it is liable to be assessed or has actually been assessed provided the transaction of services is legally liable to GST and the same is payable as per the terms of the contract.

D. ELIGIBILITY CRITERIA

1. For Purchase of Tender document, bidder will have to pay a Tender fee of **Rs. 5,000/- (Rupees Five Thousand Only)** in form of Demand draft in favor of **Broadcast Engineering Consultants India Limited, New Delhi.**
2. EMD Amount of **Rs. 2,10,000/- (Rupees Two Lakh Ten Thousand Only)** should be paid only in form of Demand Draft in favor of **Broadcast Engineering Consultants India Limited, New Delhi. (No other mode of payment will be accepted).** Bids submitted without EMD will be treated as rejected.
3. The bidder should be registered under Indian Company Act 2017. A copy of registration should be submitted.
4. The bidder must substantially be engaged in similar kind of work as mentioned under heading "Scope of Work" in India for central / state Government / PSUs / autonomous body ; During last 3 years i.e. 2015-16, 2016-17, 2017-18 and till date of issue of this Tender/RFP.

Bidder must have successfully completed/ongoing at least one similar kind of project of Comprehensive Annual Maintenance Contract (CAMC) of RF Downlink setup of TV channels of value of **Rupees 50 Lakhs** or above (as mentioned in Scope of Work).

(or)

Two similar kinds of projects of Comprehensive Annual Maintenance Contract (CAMC) of RF Downlink setup of TV channels, each of value of **Rupees 35 Lakhs** or above.

(Copy of work orders / performance or completion certificate should be submitted.)

5. Bidder should have experience of CAMC of RF downlink setup of 900 TV Channel or above in totality from different central / state Government / PSUs / autonomous bodies, in which experience of CAMC of RF downlink setup of 300 TV Channel at single location in one system is mandatory. **(Copy of work orders / performance or completion certificate should be submitted).**
6. The Bidder should have average turnover of atleast **Rs. 4 Cr p.a.** for the last three audited financial years i.e. 2015-16, 2016-17 and 2017-18. **(Copy of Annual Audited Financial Statements for last three years should be submitted)**
7. The Bidder should have made profits in the last three audited financial years i.e. 2015-16, 2016-17 and 2017-18. **(Copy of last three financial years' relevant audited balance sheets should be submitted)**
8. Letter of Authorization from Original Equipment Manufacturer (OEMs) as listed in table no. 01 to quote against the tender Reference No. BECIL/EMMC/CAMC-RF/2019-20/01 dated 07.05.2019 enlisting confirmation for Sales and Service Support for all equipment mentioned as per this RFP. Original copy of Authorization letter should be submitted. Format is provided in "**Annexure-3**" of this RFP.

9. The Bidder must have **direct presence in India with technical manpower and 24 x 7 maintenance supports in India**, and with a collective staff size of at least **10**, Documentary proof should be submitted on company letter Head along with signed & stamped
10. The Bidder should not have been blacklisted by any government organization. Self-declaration to that effect should be submitted and undertaking on a non-judicial stamp paper of Rs 100/- certified by Notary along with the technical bid. Format is provided in "**Annexure-4**" of this RFP.
11. The bidder is required to submit following documents:
 - a) Copy of Certificate of incorporation
 - b) Copy of PAN No.
 - c) Copy of GST No.

Copy of Audited balance sheet for the financial Year 2015-16, 2016-17 and 2017-18 clearing indication profit and loss statement.

12. A separate **point by point compliance statement** of Specifications including Bill of Material (BOM) for all the equipment/item(s) duly signed & stamped **by bidder** on their letter head must be submitted.
13. The details as per the pre-qualification Performa I & II attached at '**Section III - A and B**' respectively shall be furnished and included as part of the technical bid.
14. Bidder should provide Site Survey Certificate on their company letter head duly signed by their authorized person & Site Incharge at EMMC. Format for Site Survey Certificate is provided as "**Annexure-5**".
15. All bidders must strictly quote the product as per Serial Number/Heading/ Sub Heading given in BOM of RFP.

E. COMMERCIAL TERMS AND CONDITIONS

Each bidder is required to accept the following terms and conditions:-

1.	Earnest Money Deposit	:	Each bidder is required to submit Earnest Money Deposit (EMD) of value of Rs. 2,10,000/- (Rupees Two Lakh Ten Thousand Only) in the form of Demand draft from scheduled bank in favor of " Broadcast Engineering Consultants India Limited payable at New Delhi". EMD will not be accepted in any other form. Bid without EMD will not be accepted. No interest is payable on EMD amount.
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2.	Prices	:	<p>The Prices should be quoted in Indian Rupees only and prices should be FOR destination at Site (EMMC, 10th Floor, Soochana Bhawan, New Delhi)</p> <p>The prices should be quoted exclusive of taxes and all applicable taxes. In case, taxes are not mentioned in Financial bid, prices shall be considered inclusive of taxes.</p>
3.	Payment Terms for INR	:	<p>First payment will be released up till 30th June 2019, and then payment will be released on quarterly basis against submission of certification from Client (EMMC) for completion of satisfactory services.</p>
4.	Consignee	:	<p>The equipment (if required) should be consigned to Electronics Media Monitoring Centre (EMMC), 10th Floor, Soochna Bhawan, New Delhi C/o Project Manager, BECIL.</p>
5.	Tax Invoice	:	<p>All Tax invoices should be raised in the name of</p> <p>“Broadcast Engineering Consultants India Limited, 14-B, Ring Road, I.P. Estate, New Delhi -110002”</p> <p>For -Electronics Media Monitoring Centre, Ministry of Information and Broadcasting, Govt. of India, New Delhi</p> <p>BECIL GST: 07AAACB2575L1ZK</p> <p>Note: Along with Invoice, E-WAY Bill (if any), a copy of GST Undertaking & Certificate duly filled, signed and stamped has to be submitted to BECIL as per format enclosed.</p>
6.	Period of Contract	:	<p>The set-up installed at 10th Floor, EMMC, Soochna Bhawan, New Delhi will be taken into CAMC coverage from 01.06.2019 or the date of release of work order (whichever is later) and is valid till 31.03.2020.</p> <p>However subject to satisfactory work, BECIL/ EMMC reserves the right to extend this CAMC contract for two more year with mutual consent</p>
7.	Packing	:	<p>The material/equipment (if required) should be securely packed to withstand transit hazards during different modes of transportation.</p>
8.	Authorization	:	<p>Original copy of Authorization letter from OEM should be submitted for the equipment referred in this RFP.</p>
9.	Performance Guarantee Bank	:	<p>The successful bidder shall have to furnish Performance Bank Guarantee (PBG) within 15 days from the date of issue of work order for an amount equal to 10% of order</p>

			<p>value and it will valid till beyond 3 months of the date of project completion.</p> <p>Beneficiary Details:</p> <p>Beneficiary Name : Broadcast Engineering Consultants India Limited Address: 14-B, Ring Road, Indraprastha Estate, New Delhi-110002</p> <p>IFSC Code is - CORP0000371</p>
10.	Technical Manual (if any)	:	<p>Two print copies of Technical Manual / Operation Manual and one CD version of the same have to be supplied with the equipment. One set of test certificate of each equipment has to be enclosed with shipment and one copy sent to BECIL.</p>
11.	Penalty Clause	:	<p>The faults reported/ logged by BECIL/EMMC must be attended within 1 (One) working day from the date of log-in of the complaint and must be repaired/replaced within two working day.</p> <p>For each subsequent day of delay after 2 (Two) working day from the date of log-in of the complaint, 0.5 % of Monthly CAMC value per day will be recovered from the bill with ceiling of 5 % of total Monthly CAMC value after which order is liable to be cancelled.</p>
12.	Taxes	:	<p>Taxes as applicable will be extra.</p>
13.	Compliance Statement	:	<p>A point by point full compliance statement in respect to all parameters related to the concerned equipment/items from the respective principle manufacturers & bidder should be submitted in the prescribed format given at Table 2.</p>

Table 2

COMPLIANCE STATEMENT PERFORMA

Sr. No.	Sr. No. of Specification	Description of Specification	Page number of Specifications in RFP	Compliance (Yes/No)	Deviation ,if any, to the specification	Optional Items ,if any, required for the completeness of system	Features in the offered product in addition to BECIL specs

F. VENDORS REQUIREMENT

1. Additional information

Vendors should provide the following additional information.

- a. A copy of the latest / last annual report of the company and wherever applicable of the key principals. This is required, amongst other things, to understand the financial strengths, growth rate etc. of vendors.
- b. List with details (including name of client) of similar work executed in India and abroad.
- c. Particulars of the partners or related / inter-linked company in India for sales, installation / commissioning and support (for principals/OEM) OR, principals with whom you have a tie-up (in the case of integrators).
- d. Any other detailed information of relevance (such as market shares etc.) with supporting documents or references.

2. Logistics arrangements

- a. All arrangements required for transportation of equipments and lodging/ boarding of maintenance personnel would be the responsibility of Bidder.
- b. Bidder shall coordinate with client EMMC for Road permit/E-way Bill for movement of material to and from Site.

G. PROPOSAL RESPONSE FORMAT

All the bidders are requested to use the same or similar format as given below while submitting the commercial bids. The proposal must be submitted strictly in the following fashion as in Table 3.

1. The proposal shall be submitted in the same envelope at the same time, in two distinct parts: a Technical Proposal and a Commercial Proposal.
2. Proposals are to be prepared on standard 8-1/2" x 11" A4 size paper. Foldouts containing charts, spreadsheets, and oversize exhibits are permissible. The pages should be placed in a binder with tabs separating the sections of the proposal. Manuals and other reference documentation may be bound separately. All responses, as well as any reference materials presented must be written in English.
3. Proposals must respond to the RFP requirements by restating the number and text of the requirement in sequence and writing the response immediately after the requirement statement.
4. Figures and tables must be numbered and referenced in the text by that number. They should be placed as close to possible to the referencing text. Pages must be numbered consecutively within each section of the proposal showing proposal section and page number.

5. Proposals shall be based only on the items contained in this RFP and its standard required accessories. The RFP includes official response to pre-proposal conference questions, addenda, and any other material published by the BECIL pursuant the RFP. The bidder is to disregard any previous draft materials and any oral representations it may have received. All responses to the requirements in Sections (list appropriate section) of this RFP must clearly state whether the proposal will satisfy the referenced requirements, and the manner in which the requirement will be satisfied.
6. A point by point compliance statement duly signed by bidder in respect to all points laid down in the specifications for all the equipment/item(s) must be submitted.

TABLE-3

S.No.	Description	Qty.	Price per Month In INR	Taxes Amount	Type of Taxes	Total Price In INR
GRAND TOTAL						

H. METHOD OF EVALUATION AND AWARD

Evaluation Criterion

Proposals will be evaluated for meeting all technical requirements and system completeness as per Tender document.

All bids which are technically qualified shall be shortlisted and Financial bids of only technically qualified bidders shall be opened.

Lowest bidder L1 will be the bidder with lowest financial offer.

Note: Bidder is required to do the site visit for the understanding of the nature of work and obtain the **Site Survey Certificate** signed by Site incharge, EMMC and attached with the Technical bid for the Technical evaluation.

The Purchase Order shall be placed to the bidder who shall quote the lowest price for the complete system. Factors which may be considered as a part of evaluation amongst others will include the following.

1. **Product Quality** : Only reputed industry tested equipment and solutions with reliability will be accepted, non-standard

make/model of equipment will disqualify the proposal technically.

2. **Compatibility** : System is envisaged to be compatible with the other quoted equipment.
3. **Up-gradation/ Modular design** : System/equipment should be future looking and open to technology upgradation besides capable of add on facility and features in phased manner.
4. **Assurance of supply** : Vendor's technical capability, Organizational stability, reliability of equipment and ability to meet timelines.
5. **Spares** : The bidder has to certify that spares shall be available for a minimum period of 5 years after completion of Project.
6. **Quality** : Equipment stability, guaranteed uptime parameters, life of equipment.
7. **Service** : After sales service, availability of spare parts/technical support, warranty offered.
8. **Cost** : Cost of the system as proposed and the apparent future financial implications, CAMC and Total cost of Ownership.
9. **Integration Experience** : Expertise and experience of the bidder in system / sub system of integration of similar nature.
10. **Delivery Schedule** : Delivery timeline will be critical parameter for evaluation and final decision.
11. **Regulatory** : Should meet the Regulatory compliance, Safety requirements and Environmental objectives.

SECTION II

TECHNICAL SYSTEM REQUIREMENT

CONTENTS

- A. SCOPE OF WORK**
- B. TECHNICAL CONDITIONS**
- C. BILL OF MATERIAL**

A. SCOPE OF WORK

1. Background

Broadcast Engineering Consultants India Limited has been appointed by Electronic Media Monitoring Center (Ministry of Information and Broadcasting) to provide On-Site Comprehensive Annual Maintenance Contract (CAMC) of RF Downlink setup for 900 TV channels installed at EMMC, Sochna Bhawan, New Delhi. Detailed scope of services is outlined below.

2. Scope of Work

Successful bidder shall be responsible for carrying out comprehensive Annual Maintenance Contract (CAMC) for the followings:

S. No.	ITEM DESCRIPTION	OEM
1.	CAMC of RF DOWNLINK SETUP FOR 900 TV CHANNELS. (List of Equipment/item/material is enclosed under Heading "Specification")	M/s Evertz & M/s Spacelink

The term Comprehensive means bidder will diagnose repair/ replace the faulty items/ equipment/ system/ component/ peripherals/ software installed using its own resources and equipments within given time frame to make system operational. Successful bidder should carry out Scheduled Preventive Maintenance once in a period of three Months. The bidder shall carry out Corrective Maintenance/ Break-down Maintenance as and when required. Bidder has to prepare detail maintenance report for each maintenance activity carried out and send to EMMC/BECIL.

3. Service Level Agreement

- The successful bidder shall ensure that the system is working at optimal efficiency and regular preventative maintenance services are done to achieve this objective.
- Bidder shall prepare required CAMC Certificate along with maintenance service reports of each maintenance activity carried out and get dually certified by Client EMMC.
- The maximum permissible down time is one working day. To meet this down time Bidder should stock sufficient spares at local office in Delhi. Parts/ equipment duly replaced/ repaired should be of same type and capacity. In case any parts replaced by lower capacity; the original capability should be restored within 2 weeks. In case of non availability of identical replacement, suitable new equivalent replacement with similar of better specification should be carried out with approval of BECIL/EMMC.
- At the end of contract period / termination of CAMC, the successful bidder shall demonstrate satisfactory testing and operation of all the Equipments.

4. Customer Care Support

- Bidder shall provide a single contact point with dedicated help desk (preferably at Delhi) for all break down calls reported under this contract.
- Help desk shall have a contact phone no., Email, Fax, & address etc. and shall be available from Monday to Sunday 24x7 to carry out the activities under the scope of CAMC.

5. Site Survey Certificate:

Site Survey is to be done before preparation of bids and site survey certificate should be submitted with technical bid as per **Annexure-5**.

Contact Details of the personnel for survey of site is as below:

Mr. Aditya Verma, Email : itprojects@becil.com.

B. TECHNICAL CONDITIONS

1. Proposed Bill of Material of the system configuration is listed in the **Annexure-1**.
2. Proposal should be for a complete system / sub system. Incomplete or part component will not be considered.
3. Vendor should specify the recommended spare parts for each of the major equipment. However, this will not be a part of commercial evaluation process.
4. A copy of certificate from OEM authorizing the bidder against the tender Reference No. BECIL/EMMC/CAMC-RF/2018-19/01 dated 07.05.2019 to quote the CAMC of the product and after sales & Service support is an essential requirement.
5. Vendor should have back to back consent from OEM to supply the equipment / components/spares parts for five years.
6. Cross reference in reference of supporting documents should be given with proper page number and volume number.

ANNEXURE -1
C. BILL OF MATERIAL

S. No.	DESCRIPTION	Qty (in Months)	Price per Month (In INR)	Taxes as applicable	Price for 10 months (In INR)
1.	COMPREHENSIVE ANNUAL MAINTENANCE CONTRACT (CAMC) OF RF DOWNLINK SETUP FOR 900 TV CHANNELS (List of Equipment/item/material is enclosed under Heading Specification)	10			
	GRAND TOTAL (in INR)				

D. SPECIFICATION

Comprehensive Annual Maintenance Contract of RF Downlink setup for 900 TV channels (List of Equipment/item/material) installed at EMMC, New Delhi

SR. NO	Item Description	Make / Model No.	QTY.
1	Dish antenna 6.1M Special design	Spacelink 20Fts	3
2	Dish antenna 4.8 M Special design	Spacelink 16Fts	12
3	Dual Feed Horn	Gardiner	15
4	C-Band PLL Lnb Norsat 3115	Norsat	33
5	C-Band Bandpass Filter	Microwave	27
6	Ext. C-Band Bandpass Filter	Microwave	6
7	Active Splitter 4 way	Global	10
8	Active Splitter 8 way	Global	10
9	Passive Splitter 2 way (For antenna)	ALCAD DI-202	30
10	Passive Splitter 2 way (For Rack)	ALCAD DI-202	66
11	Co-axial cable RG-6	Commscope	2135
12	Compression connector RG-6	Cabelcon	900
13	Co-axial cable RG- 11	Commscope	3050
14	Compression connector RG-11	Cabelcon	80
15	Digital Satellite Meter	Horizon HD-S2	1
16	Dual 7" Mimimum HD-SD/SDI Monitors	Tv Logic PRM702A	2
17	Professional IRD with RF & IP Inputs	7881IRD-H264HD-LB4 -CA+IP+3RU	3
18	42 Ru Racks (800MM x 1000MM)	Netrack	20
19	PC server to host the SNMP manager complete with A 16" - 17" monitor	HP Elite 8300	3
20	PC client to access the SNMP manager complete with A 16" - 17" monitor.	HP Elite 8300	2
21	24 Port management Ethernet switch 24 10/100 + 2 1000 BT + LAN Base Image	CISCO 2960-24TT-L	3
22	Cable Preparation Tool	Ideal	2
23	Compression Tool	Ideal	2
24	Compression connector RG-6 BNC	Ideal	1000
25	Jointers F Type	Cabelcon	20
26	Terminators	Cabelcon	500
27	Termination Panels (F & BNC Type)	Spacelink	24
28	F-I connector for termination plate	Cabelcon	576
29	BNC-I connector for termination plate	Canare	576

30	Lnb Powering & Amplifier Dual channel inputs and outputs. 20 Pol.	Evertz 7803PA2-LNB2 + 3RU	19
31	Multiframe to hold received cards. Redundant Power supply.	Evertz 7800FR +78PS	30
32	Frame controller to SNMP control and Monitor above cards.	Evertz 7700FC	30
33	40-3000 Mhz Active splitter 1x16 SNMP Monitor & controlling. 07 Pol.	Evertz 7703DA16-RF+3RU	54
34	40-3000 Mhz Active splitter 1x4 SNMP Monitor & controlling. 07 Pol.	Evertz 7703DA4A-RF+3RU	50
35	De-modulator for FTA channel for 80 Demodulators	Evertz 7780DM4-LB+IP+3RU	54
36	De-modulator with CI and Pay channels for 20 Demodulators.	Evertz7880DM2-LB2-CA2+IP	56
37	16 channel SD High Bit Rate SLKE encoder with SD-SDI Input	Evertz 3480SLKE16-H264SD	4
38	8 channel SD High Bit Rate SLKE encoder with SD-SDI Input	Evertz 3480SLKE8-H264HD	5
39	Modular EMX Frames 3RU for hosting the IPX Switch.	Evertz EMX3-FR+3PS	5
40	Frame Controller for EMX Frames for control	EMX- FC	5
41	32 Port, 300gb/s packet switch	Evertz 3080IPX-32-G3	7
42	1000 Mbps RJ45 SFP Module	Evertz SFPTR-RJ45-SER-AV	224
43	SNMP Manager	Evertz VLPRO	2
44	Multiveiwer	Evertz PKG-MVIP-IP	2
45	LED Screen for Video Wall	Panasonic-TH55LFV5W	6
46	Video Extenders (From Control Room to Video Wall MCR Room)		2
47	KVM Extender		2
48	Adapters for DVI/Display port/HDMI		6
49	DVI Splitter(1 in 2 out)		4
50	DVI/HDMI Cable 8 Meters and above		4

SECTION III

ENCLOSURES

CONTENT

- A. VENDOR INFORMATION FORMAT**
- B. CUSTOMER REFERENCE FORMAT**
- C. CHECKLIST**

A. VENDOR INFORMATION

Short Responses can be placed within the cells provided in the tables below. Additional Information can be attached as appendices, but should be explicitly referenced from within the appropriate cells.

VENDOR INFORMATION FORM

GENERAL INFORMATION

Vendor Name	
Corporate Office	
Address	
Web	
E-mail	
Telephone/Mobile	
Fax	

COMMERCIAL INFORMATION

PAN No.	
GST	
Annual Turnover(In Cr)	FY 2017-18: FY 2016-17: FY 2015-16:

PRIMARY VENDOR CONTACT OR SALES REPRESENTATIVE

Name and Title	
Address	
E-mail	
Telephone/Mobile	
Fax	

PERSON(S) AUTHORIZED TO NEGOTIATE AND MAKE COMMITMENT FOR VENDOR

Name and Title	
Address	
E-mail	
Telephone	
Fax	

DESIGNATED TECHNICAL CONTACT FOR RESPONSE CLARIFICATION AND QUESTIONS

Name and Title	
Address	
E-mail	
Telephone	
Fax	

	INFORMATION ITEM	VENDOR RESPONSE
1.	Date your company was incorporated	
2.	Number of people employed by your company and how many are in the following areas: -Pre-Sales and Marketing -Research and Development -Post-Sales Support -Technical Support -Training and Consulting -Management -other	
3.	Company's sales revenues for the last three fiscal years.	
4.	Number of implementations conducted for customers in the last three fiscal years. Group these implementations by numbers of end-users, dollar cost of engagements, and scope of engagements.	

5.	Indicate your agreement not to share the contents of this RFP with any other organization, including potential subcontractors, without written permission from the RFP coordinator.	
6.	Optionally, provide any additional background information about your company that the BECIL would find useful in its deliberations.	

B. CUSTOMERS REFERENCES:

Provide at least three references with comparable network size and complexity for whom you have provided similar implementation and / or integration services . Please use this format for your response.

	ITEM	VENDOR RESPONSE
	REFERENCE 1	
	Company / Institution Name Address Scope of Project Dates of Engagement Contact Name and Title E-mail Telephone	
	REFERENCE 2	
	Company / Institution Name Address Scope of Project Dates of Engagement Contact Name and Title E-mail Telephone	
	REFERENCE 3	
	Company / Institution Name Address Scope of Project Dates of Engagement Contact Name and Title E-mail Telephone	

MANUFACTURER AUTHORISATION FORMAT
(On manufacturer's letterhead)

Date:

To,

**The Chairman & Managing Director,
Broadcast Engineering Consultants India Limited,
14-B, I.P.Estate, Ring Road,
New Delhi**

Tender/RFP Ref No. : BECIL/EMMC/CAMC-RF/2019-20/01 dated: 07.05.2019

Subject: Manufacturer authorization towards tender no. BECIL/EMMC/CAMC-RF/2019-20/01 dated 07.05.2019. for Comprehensive Annual Maintenance Contract (CAMC) of RF DOWNLINK setup for 900 TV CHANNEL at Electronic Media Monitoring Centre (EMMC), Sochna Bhawan, New Delhi..

Dear Sir,

We, M/s _____ (Name of the manufacturer) having registered office at _____ (address of the manufacturer) by virtue of being manufacturer for _____ (Name of the product/s), hereby authorise M/s _____ (Name of the bidder) having their office at _____ (Address of bidder) to submit quote, negotiate, and provide service support for our range of products quoted by them to meet the above mentioned tender requirements.

M/s _____ (Name of the manufacturer) within the scope of requirement as per the tender mentioned above through its authorised partner M/s _____ (Name of the bidder) shall provide services support & product services as per tender/RFP requirement.

The undersigned is authorised to issue such authorisation on behalf of M/s _____ (Name of the manufacturer).

For M/s _____ (Name of the manufacturer)

Signature & company seal

Name

Designation

Email

Mobile No.

FORMAT FOR BLACKLISTING UNDERTAKING

(On Rs. 100 non-judicial stamp paper)

Date:

To,
The Chairman & Managing Director,
Broadcast Engineering Consultants India Limited,
14-B, I.P.Estate, Ring Road,

Subject: Undertaking for Black listing.

Tender/RFP Ref No. : BECIL/EMMC/CAMC-RF/2019-20/01 dated: 07.05.2019

This undertaking is in reference to the above mentioned tender for Comprehensive Annual Maintenance Contract (CAMC) of RF Downlink setup for 900 TV channels at Electronic Media Monitoring Centre (EMMC), Sookna Bhawan, New Delhi.

In this regard, we, M/s _____ (Name of the Bidder) having registered office at _____ (address of the Bidder) hereby certify that we have not been debarred/black-listed by any central/state Government Agency.

For M/s _____ (Name of the Bidder)

Signature & company seal

Name

Designation

Email

Mobile No.

SITE SURVEY CERTIFICATE

(On Company Letter Head)

To ,

date:_____

**The Chairman & Managing Director
Broadcast Engineering Consultants India Ltd.
BECIL Bhawan, Noida. UP**

Subject: Certificate of Site Survey at EMMC, Soochna Bhawan for Comprehensive Annual Maintenance Contract (CAMC) of RF Downlink setup for 900 TV channel at Electronic Media Monitoring Centre (EMMC), Soochna Bhawan, New Delhi for Tender/RFP Ref No. : BECIL/EMMC/CAMC-RF/2019-20/01 dated: 07.05.2019

Dear Sir,

As per Tender clause in the above mentioned Tender, I have undertaken a Site Visit to EMMC, Soochan Bhawan, Delhi and seen all equipment to be under CAMC at Soochna Bhawan, New Delhi. Our company nominated technical person has undertaken the site survey for the proper understanding of the equipments for which CAMC will be provided.

Thanking You,
Yours truly,
For xxxxxxxxxxxxxxxxxxxx

Authorised Signatory

Signed by EMMC nominated personnel:

C. CHECK LIST

Please ensure that following documents have been enclosed alongwith the bid proposal.

1. Proof of payment for fee of **Rs 5,000/-** for purchase of **tender document** in the form of cash receipt or bank draft for tender documents downloaded from site.
2. Bank draft for **Rs 2,10,000/- Only** towards **Earnest money deposit** in the form of Demand Draft.
3. Documentary proof along with the completion certificate of the project executed successfully related to scope of work (as mentioned in this RFP) in last three years.
4. The bidder should be registered under Indian Company Act 2017. A copy of registration should be submitted.
5. The copy of certificate of incorporation, PAN No., GST should be enclosed.
6. Letter of Authorization from OEM authorizing the bidder to quote for CAMC of equipment f the product ensuring installation / configuration and after sales support after project execution.
7. A point by point compliance statement duly signed by bidder in respect to all points laid down in the specifications for all the equipment/item(s) must be submitted.
8. A copy of the latest / last annual report of the company.
9. List with details (including name of client /channel) of similar work executed in India and abroad, products / services used and approximate value of the project in chronological order.
10. Detailed bill of material duly filled in giving the offered material / equipment etc strictly as per the bill of material included in the tender document.
11. BOM must be strictly quoted as per serial No./Heading/Subheading given in RFP
12. Duly signed and stamped compliance statement item wise with respect to technical specifications highlighting deviation, if any.
13. No cost details are to be included in the technical bid under any circumstances. The signed and stamped copies of the technical bid containing requisite documents are to be sealed in separate envelope and marked appropriately.
14. The financial bid shall contain exactly similar offered bill of material included in the technical bid but with full details on the rates, total cost. Only one copy of financial bid duly signed and stamped is to be sealed in a separate envelope and marked accordingly.

15. Both technical & financial bids in respective sealed envelopes are to be further sealed in an envelope and should be superscripted at the top as:

“Bid for Comprehensive Annual Maintenance Contract (CAMC) of equipments at Electronic Media Monitoring Centre (EMMC), Sochna Bhawan, New Delhi against tender no. BECIL/EMMC/ CAMC-RF/2019-20 dated 07.05.2019, so as to reach us on or before 1300 Hrs on 27.05.2019

16. The tender has to be addressed to

**The Chairman & Managing Director
Broadcast Engineering Consultants India Ltd,
C-56 A/17, Sector -62, Noida 201 307
Tel: 0120-4177850
Fax: 0120-4177879**

and the delivery of the same must be ensured at this office before 1300 hours on 27.05.2019.