

**REQUEST FOR PROPOSAL
(RFP)**

**TENDER FOR SITC OF SELF SUPPORTED TOWER FOR
COMMUNITY RADIO STATION**

Reference No. BECIL/HO/CRS/2016-17/Tower

(Dated: 02.01.2017)



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**

Web: www.becil.com

Table of Content

S. No.	Description of contents	Page No.
1.	About BECIL	04
2.	Tender Notice	04-05
3.	Scope of Work	05
4.	Pre-Qualification Criteria for the Bidders	05-06
5.	Bidding Process for the Bidders	07-09
6.	General Terms & Conditions of the Tender	09-10
7.	Technical Compliance Statement (Annexure-I)	11
8.	Check-List for Pre-qualification Criteria (Annexure-II)	12
9.	Technical Bid Form(Annexure-III)	13
10.	Undertaking & Acceptance Letter by the Contractor (Annexure-IV)	14
11.	Proforma for Commercial Bid (Annexure-V)	15-18



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

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

Tender No. BECIL/HO/CRS/2016-17/Tower

S. No.	Description	Details
1.	RFP No.	BECIL/ HO/CRS/2016-17/Tower
2.	Date of Issue of Tender	02.01.2017
3.	Last date of Submission of bids	11.01.2017 at 1400 Hrs
4.	Date of opening of bids	11.01.2017 at 1430 Hrs
5.	Address of:- Submission and Opening of bid	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.	Tender Fee	Rs. 500/- (Rupees Five Hundred Only)
8.	Earnest Money Deposit (EMD)	Rs. 10,000/- (Rupees Ten Thousand Only)

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 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 regulatory to realization.

2. Tender Notice :-

Broadcast Engineering Consultants India Ltd. (BECIL) invites sealed tenders from reputed, resourceful and registered/licensed firms/agencies having proven experience and ability in SITC of Self Supported Tower for Community radio Stations.

The tender shall be accepted under Single Bid System i.e. **"Techno Commercial Bid"**. Interested agencies are advised to submit two separate sealed envelopes super scribed **"EMD and Tender Fee"** and **"Techno Commercial Bid"**. All the sealed envelopes should be kept in one bigger and sealed envelope super scribed **"TENDER FOR SITC OF SELF SUPPORTED TOWER FOR COMMUNITY RADIO STATION"**.

Bidder shall quote the rates in Indian Rupees for the entire contract on a single responsibility basis such that the tender price covers contractors all obligations mentioned.

The payment under this contract will be made in Indian Rupees.

Each bidder shall submit only ONE tender 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 bid, the bids are liable to be rejected and EMD forfeited.

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

In case the bidder has any doubt about the meaning of anything contained in the tender document, he/she shall seek clarification on or before specified date of submission of bid by email or written letter to;

Khuswinder Singh Bhatia

Manager (Projects)

Broadcast Engineering Consultants India Limited (BECIL)

BECIL Bhawan, C – 56, A/17, Sector – 62, Noida – 201307 (Uttar Pradesh)

Phone: 0120 – 4177865

Mobile: 8130190439

Email: khuswindersingh@becil.com

Bidders shall have to submit refundable **Earnest Money Deposit (EMD)** of Rs. 10,000/- (Rupees Ten Thousand only) either in form of Demand Draft drawn on any scheduled bank in favor of **"Broadcast Engineering Consultants India Limited"** Payable at New Delhi or in form of Account Payee Cheque along with the bid. Bidder shall also have to submit non-refundable **Tender Fee** of Rs. 500/- (Rupees Five Hundred Only) in the form of Demand Draft drawn on any scheduled bank in favor of **"Broadcast Engineering Consultants India Limited"** Payable at New Delhi along with the bid. The tender fee can also be submitted in cash before due date of tender submission.

The Management of BECIL reserves the right to amend or withdraw any of the terms and conditions contained in the Tender Document or to 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.

The successful bidder will have to deposit a Performance Security Deposit for due and proper fulfillment of contract in the form of Account Payee Demand Draft (DD) or Bank Guarantee (BG) drawn in favor of **“Broadcast Engineering Consultants India Limited.”** Payable at New Delhi, **of Rs. 50,000/- (Rupees Fifty Thousand only) or 10% of the value of price bid whichever is higher** within 15 days from the date of issue of the work order failing which the respective bidder can be cancelled with immediate effect.

EMD of successful bidder shall be discharged after receipt and acceptance of the Performance Guarantee towards full Security Deposit. EMD of unsuccessful bidders shall be discharged after award of work to the successful bidder. The BG must be valid for one year beyond the date of issue of work order.

3. Scope of Work:-

Execution of complete tower structure at respective site including;

- 3.1** Supply of Material for self-supported galvanized steel structure tower complete with all accessories i.e. all parts along with auto sensing LED aviation light, Lightning arrestor, Cables, Painting material, Earthing material, Foundation material etc.
- 3.2** Foundation work including construction of foundation on ground or on roof top for self-supported tower.
- 3.3** Fabrication, Erection, painting, of the tower complete in all respect.
- 3.4** Earthing for tower/antenna to be done with the kit of copper bonded grounding rods besides driving stud, coupling and clamps along with multiple layers of backfilling through coal, salt and purified soil. Braided copper wire of 30 square mm diameter to be provided for Lightning Arrestor from top of the tower to the earthing Kit. The work also includes, digging of pits, chamber, pit cover, installation of Kit with inter-connection material of rods as per requirements.

4. Pre-Qualification Criteria for the Bidders

Following are the Pre-Qualification Criteria to participate in the tender for SITC of Self Supported Tower on Ground or on roof top for Community Radio Station.

- 4.1** The Bidder must be a Company/ Proprietorship / Partnership Firm.
- 4.2** The Bidder must have experience of 5 years in this business.
- 4.3** The bidder must have successfully executed at-least three work contracts of similar or greater magnitude in SITC of Self Supported Tower on Ground or on Roof top.
- 4.4** The average turnover of Bidder in last three financial years (i.e. 2015-16, 2014-15 & 2013-14) should not be less than Rs. 40,00,000/- (Rupees Forty Lakh Only) in tower business. Current Financial Year (2016-17) is not considered.
- 4.5** The net worth of the company should not be negative and should submit net worth certificate.
- 4.6** Self-declaration (on letterhead) that Bidder should not have a conflict of interest in the procurement in question as specified in the tender documents. Bidder should comply with the code of integrity as specified in the tender document.

4.7 Self-declaration (on letterhead) that Bidder should not be insolvent, in receivership, bankrupt or being wound 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.

4.8 The Bidder should provide proof of registration for:

- a) TIN
- b) Service Tax
- c) PAN

4.9 The Bidder is required to enclose self-attested Documentary proof (duly stamped) as per the Check List given at ANNEXURE-II in support of each of the above relevant pre-qualification criteria along with the Technical Bid, failing which their bids shall be summarily/out rightly rejected and will not be considered any further. EMD will be forfeited.

Bidding Process for the Bidders:-

4.10 Bid Submission

Bids will be submitted in two separately sealed envelopes as per the below mentioned instructions. All these envelopes should be numbered clearly and super scribed with our Tender reference number, date, Title, Bid opening Date and Bidder's name and address. All these envelopes may be enclosed within a single envelope. However, the bidder should mention the related details on the single envelope consisting of these envelopes.

Envelope-I: Shall contain;

- a. EMD of Rs.10,000 (Rupees Ten Thousand Only) either in form of Demand Draft drawn on any scheduled bank in favor of "**Broadcast Engineering Consultants India Limited**" Payable at New Delhi or in form of Account Payee Cheque
- b. If selected after evaluation, the purchase order would be issued only after the realization of EMD amount if submitted in the form of account payee cheque.
- c. Tender Fee of Rs. 500/- in form of Demand Draft drawn on a scheduled commercial bank in favor of "**Broadcast Engineering Consultants India Limited**" payable at New Delhi. Tender fee can also be submitted in cash before due date of tender submission. The tender fee is non-refundable.
- d. A single demand draft can be submitted against the tender fee and EMD amount.

Envelope-II: Shall contain:

- a. Compliance of technical specifications required for tower fabrication as per ANNEXURE-I.
- b. Documentary proof in support of each of the pre-qualification criteria shall be enclosed as per the Check List given at ANNEXURE-II.
- c. Technical Bid Form as per ANNEXURE-III.
- d. An Undertaking & Acceptance Letter by the Contractor in ANNEXURE-IV shall also be enclosed with the Technical Bid.
- e. Commercial Bid as per ANNEXURE-V. The bid must be valid for one year from the date of opening.

The EMD of unsuccessful bidders shall be returned without interest after finalization of the tender.

Above two envelopes enclosed in one envelope and clearly super scribed Tender details and contents inside the envelope (Envelope-I, Envelope-II) shall be submitted by the bidder on or before 11.01.2017 latest by 1400 Hrs (as per BECIL's Clock) at the below-mentioned address:-

Chairman and Managing Director
Broadcast Engineering Consultants India Limited
BECIL Corporate Office
C-56/A-17, Sector-62
Noida-201307 (UP)

4.11 Forfeiture of Earnest Money Deposit/Security Deposit

The Earnest Money Deposit shall be forfeited, if the Contractor:

- Does not fulfill the Eligibility Criteria
- Fails to submit Security Deposit of Rs. 50,000/- or 10% of the value of bid, whichever is higher, with BECIL within 15 days from issuance of work order.
- Withdraws its bid during the period of bid validity.

4.12 Last Date of Submission of Bids

- a. Bids, complete in all respects, must be submitted on or before the due date and time i.e. 11.01.2017 latest by 1400 Hrs (as per BECIL's Clock). In the event of the specified date for the submission of Bids being declared a holiday, the Bids can be submitted up to 1400 Hrs (as per BECIL's Clock) on the next working day for which BECIL will make necessary provisions.
- b. BECIL may, at its own discretion, extend the date for submission of bids. In such a case all rights and obligations of BECIL and the Bidders shall be applicable to the extended time frame.
- c. As the bids 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.
- d. The Bidders sending their bids through courier/by post should also ensure that their bids are received on the said address by the stipulated date and time i.e. 11.01.2017 at 1400 Hrs. (as per BECIL's Clock) 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.
- e. The Bids / Offers submitted as documents, by telex / telegram / fax / Email or any manner other than specified above will not be considered. No correspondence will be entertained on this matter.
- f. At any time prior to the last date for receipt of bids, BECIL, may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder, modify the Tender 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 bids.
- g. In order to give prospective bidders reasonable time to take the amendment into account in preparing their bids, BECIL may, at its discretion, extend the last date for the receipt of bids. No bid may be modified subsequent to the last date for receipt of bids. No bid may be withdrawn in the interval between the last date for receipt of bids and the expiry of the bid validity period specified by the bidder in the bid. Withdrawal of a bid during this interval may result in forfeiture of Bidder's EMD.
- h. The bidders will bear all costs associated with the preparation and submission of their bids. BECIL will, in no case, be responsible or liable for those costs, regardless of the outcome of the tendering process.
- i. The tender shall be ignored, if complete information is not given there-in, or if the particulars and data (if any) asked for in the Schedule to the tender are not filled in.

4.13 Opening of Bids

- a. BECIL shall convene a bid opening session on 11.01.2017 at 1430 Hrs (as per BECIL's Clock), where Envelope-I containing EMD and Tender Fee drafts, shall be opened first. One representative from the bidders, who have successfully submitted the bid, can participate.
- b. Subsequent to this, Envelope-II containing technical and financial bids shall be opened of only those bidders whose EMD and tender fee are found to be in order, in the presence of bidder's representatives, who chose to remain present.
- c. Only Authorized representative of bidder can attend the tender opening, however the representative must produce the authorization letter (duly signed & stamped) from the bidder
- d. In case any bidder fails to submit the documents in support of qualifying requirements (QR), the offer of the bidder shall be rejected and his commercial bid shall not be considered further. EMD may be forfeited.
- e. The Techno commercial bids will then be passed on to a duly constituted Evaluation Committee (FEC) for evaluation.

5. GENERAL TERMS AND CONDITIONS:-

1. EMD Amount of INR 10,000/- (Rupees Ten Thousand Only) towards SITC of self-supported tower on ground or on roof top for Community Radio Stations shall be paid either in form of Demand Draft or in form of Account Payee Cheque along with tender. Tenders received without EMD will be summarily rejected.
2. Tender fee of Rs 500 in favor of "Broadcast Engineering Consultants India Ltd" should be paid in form of Demand Draft along with tender.
3. A single demand draft can be submitted against the tender fee and EMD amount. Tender fee can also be submitted in cash before due date of tender submission. The tender fee is non-refundable.
4. The complete facility is to be completed as and when required at respective site anywhere in India, however the prices to be quoted as ex works i.e. exclusive of freight, Octroi, entry tax etc.
5. The percentage and amount of applicable taxes must be clear in tender and should be mentioned separately.
6. Transportation charges for tower material from respective works to community radio location including transit insurance, excise duty, octroi, entry or other tax, if any, would be reimbursed at actual against submission of documentary proof.
7. Payment Terms:

No advance payment is applicable. Selected agency can raise the bill / invoice and submit the same duly verified by the BECIL representative.
 - a) 60% payment would be released against dispatch of material from works, the claim should accompany proof of dispatch i.e. lorry receipt etc.
 - b) Balance 40% payment would be released after satisfactory completion of entire facility duly verified
8. Validity of offer: The bid submitted should be valid for one year from the date of bid opening.

9. Delivery schedule: The process is to be started immediately and the entire facility is to be completed within 45 days after issuance of work order from BECIL.
10. Ultimate Consignee: Would be intimated as and when required.
11. Shipping Instruction: Kindly ensure that the material is securely packed to withstand various transit risk / hazard during different modes of transportation.
12. Special Instructions:
 - a) The work order would be released as and when required for respective project, however the rates once quoted should be valid for at least one year.
 - b) The invoicing would be intimated in respective work order.
13. As per the clause no 3 i.e. scope of work: Bidder required to supply the material and also to execute/provide services towards erection and commissioning. Hence;
 - a) In case bidder is tower fabricator and assigning the service part to another party, then the "Authorization Letter", Declaration as per Annexure- IV "Undertaking & Acceptance Letter by the bidder" along with other details of that partner i.e. "Service Tax registration certificate" should be enclosed.
 - b) In case bidder is service provider i.e. having team for erection and outsourcing tower material from another party i.e. OEM / tower fabricator, then the "Authorization Letter", Declaration as per Annexure- IV "Undertaking & Acceptance Letter by the bidder" along with other details of that partner i.e. "TIN registration certificate" should be enclosed.
 - c) In addition to above, in case of joint bid by bidder, they have to enclose bid agreement along with the tender response. Such type of consortium should not have more than two bidder/vendor for this project. Bid agreement should define prime bidder and other bidder. The prime bidder will be considered for eligibility criteria.
14. In any time during the Contract, either party is subject to **force majeure**, which can be termed as civil disturbance, riots, strikes, tempest; acts of God etc. which may prevent either party to discharge their obligation, the affected party shall promptly notify the other party about the happening of such event. Neither party shall by reason of such event be entitled to terminate the contract in respect of such performance of their obligations. The performance of the obligations under the contract shall be resumed as soon as practicable after the event has come to an end or ceased to exist. If the performance of any obligation under the contract is prevented or delayed by reason of the event beyond a periods mutually agreed to, if any, or seven days, whichever is more; either party may at its option terminate the contract.

Technical Compliance Statement for Self Supported Transmission Tower up to 30 Meter

Sl. No.	Description	Specification as per Guide Lines	Complied		Deviation
			YES	NO	
i	Height	Maximum 30 Meter & Minimum 15 meter (From Ground) Below 15 meter on the roof top			
ii	Wind Load	47 kg/Sq.cm			
iii	Wind Velocity	170 km/hour			
iv	Wind Load on Tower, Appurtenances and Antenna	As per IS:875-1987			
v	Load Bearing Capacity	25 kg in addition to cable, cable tray & ladder			
Construction Details/Standard					
vi	Steel Section	(i). Galvanized Tower- IS:2629			
		(ii). Fasteners - IS: 1367			
		(iii). Washers- IS:1573			
vii	Steel Section of Tower	(i). IS:8500			
		(ii).IS:226			
		(iii).IS:2062			
		(iv).IS:7215			
viii	Thickness	4 mm minimum			
ix	Hot dip galvanization	above 90 μ m			
x	Auto sensing aviation lamp	LED (not below 10 candelas)			
xi	Lightening Protection	As per IS:2309 / 1969			
		Braided Copper Wire			
xii	Foundation	RCC (1:2:4)			
xiii	Antenna Hoisting Arrangement	G.I Type Pipe, 8 m long			
xiv	RF Coaxial Cable Routing	Through G.I Type pipe or angle iron covered with G.I sheet			
xv	Painting	As per latest Civil Aviation Regulations equal alternate bands of international orange and white colors with top and bottom painted in orange with Enamel paint over primer coat.			
xvi	Earthing	As per IS:2309/1969			
		Braided Copper wire of 30 mm ² .			

CHECK-LIST FOR PRE-QUALIFICATION CRITERIA

S.N.	CRITERIA	COMPLIANCE (Yes/No)	Type of Document to be furnished
1.	Tender Fee of Rs. 500/-		Original Demand Draft / copy of cash receipt.
2.	Bid Security/EMD of Rs. 10,000		Original Demand Draft/ Account Payee Cheque
3.	The Bidder must be a Company/ Proprietorship / Partnership Firm.		Copy of proof of Registration
4.	The Bidder must have experience of successfully execution of at least three work contract of similar or greater magnitude in SITC of Self Supported Tower on ground or on roof top.		Copies of work order and completion certificate
5.	The average turnover of Bidder in last three financial years (i.e. 2015-16, 2014-15 & 2013-14) should not be less than Rs. 40,00,000/- (Rupees Forty Lakh Only) in tower business. Current Financial Year (2016-17) is not considered.		Copy of balance sheet
6.	The net worth of the company should not be negative and should submit net worth certificate.		Copy of CA Certified Statement
7.	Bidder should not have a conflict of interest in the procurement in question as specified in the tender documents. Bidder should comply with the code of integrity as specified in the tender document.		Self-declaration on letter head
8.	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.		Self-declaration on letter head
9.	The technical compliance statement including bill of material duly signed and stamped by bidder on their letter head should be submitted by bidder.		Self-attested as per <u>ANNEXURE-V</u>
10.	The Bidder should have registration of: a) TIN Registration Certificate b) Service Tax c) PAN		a) Self-attested Copy of TIN b) Self-attested Copy of Service Tax c) Self-attested Copy of PAN Card
11.	Undertaking & Acceptance Letter by the Contractor		Self-attested as per <u>ANNEXURE-IV</u>

TECHNICAL BID FORM

Sr. No	PARTICULARS	REPLY
1.	Name of the Company/Proprietorship/ Partnership Firm	
2.	Details of Registered Office Telephone Nos., Fax No., Email id.	
3.	Name of the Directors / Proprietor / Partners along with Contact details.	
4.	Name, Designation, Specimen Signature, Address and Telephone No. of the Authorized person of Company to deal with.	
5.	Month and Year of Commencement of Business	
6.	Details of at least three similar work executed:	
7.	Registration details of: a) Service Tax, b) TIN c) PAN	
8.	Any other information you may like to give.	

Date: Signature:

Place: Name & Designation of the Authorized Signatory:

Seal of the Organization:

UNDERTAKING & ACCEPTANCE LETTER BY THE CONTRACTOR

(To be included in the Technical Bid)

We have carefully gone through the various terms and conditions listed in the Tender Form (Technical & Price Bid) for SITC of Self Supported Tower on Ground or on Roof Top for Community Radio Station. We agree to all these conditions and are making this offer after carefully reading the conditions and understanding the same without any kind of pressure or influence from any source whatsoever. We hereby sign this undertaking in token of our acceptance of various conditions listed in the tender document.

Date: **Signature:**

Place: **Name & Designation of the Authorized Signatory:**

Seal of the Organization:

Mobile:

Email:

PROFORMA FOR COMMERCIAL BIDSITC OF SELF SUPPORTED TOWER ON GROUND OR ON ROOF TOP FOR COMMUNITY
RADIO STATION**Option 1: 30 Meter self-supported tower on ground**

S. No	Description	Qty.	Unit rate (Rs)
1	Supply of Material for 30 Meter self-supported galvanized steel structure tower complete with all accessories i.e. all parts along with auto sensing LED aviation light, Lightening arrestor, Cables, Painting material, Earthing material, Foundation material etc.	1 Set	
2	Labor charges for tower work including construction of foundation on ground for 30 Meter self-supported tower, fabrication, erection, painting, earthing (including digging of pits, chamber, pit cover) and foundation etc.	1 job	
	Sale Tax		
	Service Tax		
	Total Amount		

Option 2: 24 Meter self-supported roof top tower

S. No	Description	Qty.	Unit rate (Rs)
1	Supply of Material for 24 Meter self-supported roof top galvanized steel structure tower complete with all accessories i.e. all parts along with auto sensing LED aviation light, Lightening arrestor, Cables, Painting material, Earthing material, Foundation material etc.	1 Set	
2	Labor charges for tower work including construction of foundation on roof top for 24 Meter self-supported tower, fabrication, erection, painting, earthing (including digging of pits, chamber, pit cover) and foundation etc.	1 job	
	Sale Tax		
	Service Tax		
	Total Amount		

Signature:

Name & Designation of the Authorized Signatory:

Seal of the Organization:

Option 3: 21 Meter self-supported roof top tower

S. No	Description	Qty.	Unit rate (Rs)
1	Supply of Material for 21 Meter self-supported roof top galvanized steel structure tower complete with all accessories i.e. all parts along with auto sensing LED aviation light, Lightening arrestor, Cables, Painting material, Earthing material, Foundation material etc.	1 Set	
2	Labor charges for tower work including construction of foundation on roof top for 21 Meter self-supported tower, fabrication, erection, painting, earthing (including digging of pits, chamber, pit cover) and foundation etc.	1 job	
	Sale Tax		
	Service Tax		
	Total Amount		

Option 4: 18 Meter self-supported roof top tower

S. No	Description	Qty.	Unit rate (Rs)
1	Supply of Material for 18 Meter self-supported roof top galvanized steel structure tower complete with all accessories i.e. all parts along with auto sensing LED aviation light, Lightening arrestor, Cables, Painting material, Earthing material, Foundation material etc.	1 Set	
2	Labor charges for tower work including construction of foundation on roof top for 18 Meter self-supported tower, fabrication, erection, painting, earthing (including digging of pits, chamber, pit cover) and foundation etc.	1 job	
	Sale Tax		
	Service Tax		
	Total Amount		

Signature:

Name & Designation of the Authorized Signatory:

Seal of the Organization:

Date:

Place:

Option 5: 15 Meter self-supported roof top tower

S. No	Description	Qty.	Unit rate (Rs)
1	Supply of Material for 15 Meter self-supported roof top galvanized steel structure tower complete with all accessories i.e. all parts along with auto sensing LED aviation light, Lightening arrestor, Cables, Painting material, Earthing material, Foundation material etc.	1 Set	
2	Labor charges for tower work including construction of foundation on roof top for 15 Meter self-supported tower, fabrication, erection, painting, earthing (including digging of pits, chamber, pit cover) and foundation etc.	1 job	
	Sale Tax		
	Service Tax		
	Total Amount		

Option 6: 12 Meter self-supported roof top tower

S. No	Description	Qty.	Unit rate (Rs)
1	Supply of Material for 12 Meter self-supported roof top galvanized steel structure tower complete with all accessories i.e. all parts along with auto sensing LED aviation light, Lightening arrestor, Cables, Painting material, Earthing material, Foundation material etc.	1 Set	
2	Labor charges for tower work including construction of foundation on roof top for 12 Meter self-supported tower, fabrication, erection, painting, earthing (including digging of pits, chamber, pit cover) and foundation etc.	1 job	
	Sale Tax		
	Service Tax		
	Total Amount		

Signature:

Name & Designation of the Authorized Signatory:

Seal of the Organization:

Date:

Place:

Option 7: 9 Meter self-supported roof top tower

S. No	Description	Qty.	Unit rate (Rs)
1	Supply of Material for 9 Meter self-supported roof top galvanized steel structure tower complete with all accessories i.e. all parts along with auto sensing LED aviation light, Lightening arrestor, Cables, Painting material, Earthing material, Foundation material etc.	1 Set	
2	Labor charges for tower work including construction of foundation for 9 Meter galvanized steel structure on roof top , fabrication, erection, painting, earthing (including digging of pits, chamber, pit cover) and foundation etc.	1 job	
	Sale Tax		
	Service Tax		
	Total Amount		

Option 8: 6 Meter structure on roof top

S. No	Description	Qty.	Unit rate (Rs)
1	Supply of Material for 6 Meter galvanized steel structure on roof top complete with all accessories i.e. all parts along with auto sensing LED aviation light, Lightening arrestor, Cables, Painting material, Earthing material, Foundation material etc.	1 Set	
2	Labor charges including construction of foundation / fixing of 6 Meter galvanized steel structure on roof top , fabrication, erection, painting, earthing (including digging of pits, chamber, pit cover) and foundation etc.	1 job	
	Sale Tax		
	Service Tax		
	Total Amount		

Signature:

Name & Designation of the Authorized Signatory:

Seal of the Organization:

Date:

Place: