

### Advanced Centre For Treatment, Research And Education In Cancer. (ACTREC) Kharghar Node, Navi Mumbai – 410210

A GRANT-IN-AID INSTITUTE UNDER DEPARTMENT OF ATOMIC ENERGY, GOVERNMENT OF INDIA

#### NAME OF WORK:

Supply,Installation, Testing and Commissioning of EPABX system for RRU building at ACTREC Kharghar, Navi Mumbai.

#### **E-TENDER NOTICE**

No.: TMC/ACTREC/ENGG/VLK/ET-02 /EPABX System/RRU Building/2021

NAME OF THE AGENCY

Engineering services, Second Floor, Khanolkar Shodhika, Phone: 022 6873/2740 5000, Ext 5710, 6873/2740 5111, 6873/2740 5067 E-Mail: ksuthar@actrec.gov.in, vkhair@actrec.gov.in, hkelkar@actrec.gov.in, engineering@actrec.gov.in

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#### TATA MEMORIAL CENTRE

### Advanced Centre For Treatment, Research and Education In Cancer (ACTREC)

A GRANT-IN-AID INSTITUTE UNDER DEPARTMENT OF ATOMIC ENERGY, GOVERNMENT OF INDIA

#### NAME OF WORK:

Supply,Installation, Testing and Commissioning of EPABX system for RRU building at ACTREC Kharghar, Navi Mumbai.

Tender No: TMC/ACTREC/ENGG/VLK/ET-02 /EPABX System/RRU Building/2021

#### **LIST OF DOCUMENTS**

NAME OF THE			
Sr. No.	List of Documents	Page No.	
Technical Bid. (Hard copy also to be Submitted).			
1	E.M.D. for Rs.76270.00		
2	Facia Page	1	
3	List of Documents	2	
4	Notice Inviting Tender	3	
5	General Instruction	5	
6	Acceptance form	8	
7	Check List	9	
8	Vender Details	11	
9	Scope of work	13	
10	Introduction	15	
11	Tech Specification	16	
12	List of Make	17	
13	NEFT Details	18	
14	Special Conditions of Contract.	19	
15	Compliance form-1	24	
16	Compliance form-2	25	
17	Form B1	26	
18	Declaration Form	27	
19	Annexure Q	28	
20	ACT EPABX system schematic	29	
21	Book containing Conditions of Contract	70Pages	
Financial E	Bid : To be filled ONLINE ONLY		
23	Schedule of Quantity		

Note:	
1	Hard copy of Technical Bid is to be sumbitted and endorsed at security main gate before last date of submission and must be signed with stamp/seal on all pages.
2	It may please be noted that both hard copy and soft copy of technical bid are required i.e uploaded version in Tenderwizard and Hard copy submission before due date and time. If
3	There is no need to submit hard copy of financial bid if the same is found with technical bid documents than agency will be disqualified.
4	EMD in original is to be submitted in envelop along with hard copy of technical bid. EMD is not subbmitted along with bid will be disqualified.



### Advanced Centre For Treatment, Research and Education In Cancer (ACTREC) A GRANT-IN-AID INSTITUTE UNDER DEPARTMENT OF ATOMIC ENERGY, GOVERNMENT OF INDIA

#### **E-TENDER NOTICE.**

NAME OF THE AGENCY	1E	
1	NIT No.	TMC/ACTREC/ENGG/VLK/ET-02 /EPABX System/RRU Building/2021
2	Name of work	Supply, Installation, Testing and Commissioning of EPABX system for RRU building at ACTREC Kharghar, Navi Mumbai.
3	Estimated cost put to tender	Rs.3813500.00
3	(Excluding of GST)	N3.3813300.00
4	Earnest Money Deposit	EMD of Rs.76270.00/- to be submitted in the form of cash
	(EMD)	Receipt/Fixed Deposit Receipt/ DD issued by a Scheduled bank in favour of Accounts Officer, TMC-ACTREC, Payable at Navi Mumbai However the bidders may submit the EMD as follows: i) Rs.38135.00/- in the form of cash receipt/ FDR/DD as prescribed above. Or ii) a)50% of EMD Amount i.e, Rs. 19068.00/- in the form of cash Receipt/Demand Draft/ Bankers Cheque or Fixed Deposit Receipt as prescribed above and b) Balance amount 50% of EMD Amount i.e,of Rs. 19068.00/- in the form of Bank Guarantee (BG) issued by a Scheduled Bank drawn in favour of 'Accounts Officer, ACTREC Note: 1) Bank Guarantee should strictly in accordance with the prescribed format otherwise it shall not be accepted. 2) EMD in the form of cheque will not be accepted. 3)EMD — As per circular Dt:12th November 2020 from Ministry of Finance and Rule 170 of General Financial Rules (GFR's) 2017, Micro and Small Enterprises (MSE's) and the firms registered with concerned Ministries / Departments are exempted from submission of EMD provided the submission of Declaration Form by the Vendor along with tender.
5	Completion period	120 Days
6	i) Performance Guarantee	3% of Tender Value (The successful bidder is to submit the Performance guarantee within prescribed timeline and will be returned without interest on settlement of contractor's final bill and issuance of completion certificate)
	ii) Security Deposit.	2.50% of Tender Value(will be deducted from each running bill and will be returned without interest on successful completion of DLP)
7	Tender Processing Fee	Rs xxx/- in the form of online payment.
8	Warranty and After Sales Service	Works should have 1 years Warranty after completion of project.
9	Dates of availability of Tender Documents for view and download	From ,19/04/2021 time 20:00 Hrs. to 04/05/2021 up to 17:00 Hrs on website www.tenderwizard.com/DAE.  Detailed NIT is also available on website www.actrec.gov.in for view only.
10	Site visit	Bidder should visit the site to ascertain scope of work before putting up the Bid in working hours with prior intimation. For any querries regarding the same Bidders can contact Engineering Dept, ACTREC. Agency can on 022-2740/6873 - 5111/ 5067, 022 2740/6873 5000 Ext 5710.

11	Pre Bid Meeting	A. Pre-Bid query: Till 26/04/2021 on ksuthar@actrec.gov.in, vkhair@actrec.gov.in ,hkelkar@actrec.gov.in.  B. Pre Bid Meeting will be held on 27/04/2021 (11:00 hrs to 13:00 Hrs). at engineering Dept ACTREC  C. Post pre-bid querry: Till 28/04/2021 ,hkelkar@actrec.gov.in , vkhair@actrec.gov.in , ksuthar@actrec.gov.in.
12	Dead Line for submission of Original DD etc. towards Tender EMD. And technical bid hard copy.	On or before <b>11/05/2021</b> (15:00 Hrs.) in the Office of Engineering, 2nd floor, Khanolkar Shodhika, ACTREC, Navi Mumbai 410210
13	Last date and time of closing of online submission of tenders:	On or before 11/05/2021 (15:00 Hrs.)
14	Date and time of online opening of Technical Bid.	On 11/05/2021 (15:30 Hrs.)
15	Date of opening of Financial Bids of qualified bidders.	Will be notified at a later date.

Note: 1. Director-ACTREC reserves the right to accept or reject the tender(s) in full or in part, without assigning any reason thereof. Tenders with any condition including conditional rebate shall be rejected forthwith.



### Advanced Centre For Treatment, Research and Education In Cancer (ACTREC) A GRANT-IN-AID INSTITUTE UNDER DEPARTMENT OF ATOMIC ENERGY, GOVERNMENT OF INDIA

Tender No:	TMC/ACTREC/ENGG/VLK/ET-02 /EPABX System/RRU Building/2021		
Tender Name:	Supply, Installation, Testing and Commissioning of EPABX system for RRU building at ACTREC Kharghar, Navi Mumbai.		

#### **GENERAL INSTRUCTIONS TO TENDERER**

NAME OF THE AGENCY		
Important	THE LOCATION OF WORK TO BE EXECUTED IS CANCER PATIENTS AREA. EXTRA CARE SHALL BE TAKEN WHILE EXECUTING THE WORK. IT IS REQUESTED TO VISIT THE PLACE OF WORK BEFORE SUBMITTING THE TENDER.	
1	Tender Documents can be viewed on our web site www.actrec.gov.in	
2	Conditions of Contract may be downloaded from our wesite www.actrec.gov.in (in case of difficulty pleas contact on 2740/6873 5111, 022 2740/6873 5000 Ext 5710 or you can collect hard copy from Engineerin services.	
3	Registered contractors can only purchase /download & upload tenders documents.	
4	Interested agencies may visit www.tendervizard.com/DAE for registration.	
5	Contact for assistance/ clarifications/registrationon 09969395522/ 022-25487363 (Shri. Rudresh), e-mail: rudresh.tenderwizard@gmail.com	
6	Bidders who fulfill the following requirements shall ONLY be eligible to apply.  (Joint ventures are not accepted).	
7	For further information, please contact on (022) 2740/6873 5111/5067, 022 2740/6873 5000 Ext 5710 durin office hours. The existing "SECTION – 1: NOTICE INVITING TENDERS" OF "CONDITIONS AND CLAUSES CONTRACT – 2008" (P.5 & 6) in use for 2/3 bid TENDERING has been modified as per the requirement of Tendering. The modified VERSION OF THE SAME" is enclosed as CS-13 (Correction Slip – 13 to Conditions at Clauses of Contract -2008).	
8	Proof of registration/associations with Government / Semi Government / Corporate Hospitals & havi experience in execution of similar nature and magnitude of works.	
9	Should have satisfactorily completed the works as mentioned below during the last seven years endi 31.03.2020 and on going works till the date.	
10	Three similar works each costing not less than Rs.15.25 Lakh each, or ( 40% of Estimation Cost)	
11	Two similar works each costing not less than Rs. 22.88 Lakh, each, or	
12	One similar work costing not less than Rs.30.50 Lakh ( 80% of Estimation Cost)	
13	Similar works shall means supply, installation, integration /maintenance/service of IP Server based EPABX systewith allied electrical works like Fiber optic cable, networking, telephone system cabling etc.	
Note: A	The value of executed works shall be brought to the current costing level by enhancing the actual value of work a simple rate of 7% per annum; calculated from the date of completion to the last date of receipt of tender.	
В	Annual turnover as per ITCC or profit & loss statement for the last 5 years (Average annual turn over for the last financial years should be at least Rs. 19.00 Lakh (50% of tender Amount) not having incurred any loss in more th 2 years during last 5 years ending 31.03.2020 (last Financial year).	
С	The bidding capacity shall be equal to or more than the above respective estimated cost. The bidding capacity shall worked out by following formula	
	Bidding capacity = ( A x N x 2) - B	
	Where	
	A = Maximum value of works executed in any one year during the last five years taking into account the completed well as works in progress.	
	N-Number of years prescribed for completion of work for which bids has been invited.  B- Value of existing commitments and on going works to be completed during the period of completion of work for wh bids have been invited	
D	Should not have incurred any loss in more than two years during the last five years ending 31st March, 2019.	
E	Networth certificate: Networth certificate of minimum 15% of the estimated cost put to tender isued by certific Chartered Accountants (on the format prescribed in form B-1)	
F	List of similar works in hand & similar works carried out by them for last 3 years indicating i) Agency for whom execute ii) Value of work, iii) Completion time as stipulated and actual, or present position of the work.	
G	List of construction plant, machinery, equipments, accessories & infrastructure facilities possessed by the agency complete the work in time. Agency to provide their organization chart/ establishment details.	

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Н.	List of Technical staff they possess.		
1	CERTIFICATES: (Scanned copy of original certificates to be uploaded). Registration, Certifications etc.		
2	Performance Certificates and work completion sertificate		
3	Shop and establishment/ Company registration/ other certification proving the legal entity  TIN Registration		
4			
5	PAN (Permanent Account Number) Registration  GST registartion number		
6	OEM authorization certificate (For Supply, installation, Service)		
7	CA certificate for annual turn over, prifot loss during last 3 years.		
8	Declaration form as attached in tender documents		
J	UNDERTAKING as under:-		
1	I/We undertake and confirm that eligible similar works(s) has/have not been got executed through another contractor on back to back basis. Further that, if such a violation comes to the notice of Department, then I/we shall be debarred for bidding in DAE in future forever. Also, if such a violation comes to the notice of Department before date of start of		
	work, the Engineer-in-Charge shall be free to forfeit the entire amount of Earnest Money Deposit/Performance Guarantee.		
2	(Scanned copy to be uploaded at the time of submission of bid).		
2	The intending bidder must read the terms and conditions as per "SECTION - 1: NOTICE INVITING TENDERS" OF "CONDITIONS AND CLAUSES OF CONTRACT -" carefully. He should only submit his bid if he considers himself eligible and he is in possession of all the documents required. Department reserves the right of Non-consideration of Tender documents of the agencies who are not fulfilling the NIT stipulations and / or having adverse report on the works carried out by them in the past. Agency to ensure that he is eligible to provide desired services.		
3	Information and Instructions for tenderers posted on website shall form of tender document.		
4	Hard copy of Technical Bid shall be submitted in ACTREC before due date and time. Hard copy should have all the documents as uploaded on line. It may be noted that both the versions of technical bid submission is necessary before due date and time.		
5	OBTAINING OF STANDARD DOCUMENTS: In addition to the above, the prospective agencies shall be required to possess following documents with them separately, which shall form part of Tender Documents for this work. These documents can be downloaded from the ACTREC's website (tender section on www.actrec.gov.in)or can be purchased separately on payment of prices indicated. In case the agencies already possess these standard documents with them, the same need not be downloaded / purchased again. Printed books are available at the Engineering Services, TMC-ACTREC, Kharghar, Navi Mumbai- 400 210. Payment for the same can be made in cash or in the form of DD drawn in favor of Accounts Officer, ACTREC, payable at Navi Mumbai as indicated below:		
	NAME OF DOCUMENT		
	Conditions and Clauses of Contract - 2008. Available for FREE OF COST in Engineering Services office, 2nd Floor, Khanolkar Shodhika, ACTREC.  OR  This document can also be downloaded from our website www.actrec.gov.in. After taking a print out, it should be duly signed, stamped and enclosed in Technical bid envelope.		
6	The bid can only be submitted after uploading the mandatory scanned documents such as Demand Draft or Pay order or Banker's Cheque or Deposit at call Receipt or Fixed Deposit Receipts and Bank Guarantee of any Scheduled Bank towards cost of tender document and EMD in favor of "ACCOUNTS OFFICER, ACTREC" and Processing Fee in favor of "ITI LIMITED, NEW DELHI" and other documents as specified.		
7	Those contractors not registered on the website mentioned above, are required to get registered. If needed, they can be imparted training for online bidding process as per details available on the website.		
8	The intending bidder must have valid class-III digital signature to submit the bid.		
9	On opening date, the contractor can login and see the bid opening process.		
10	Certificate of Financial Turn Over: At the time of submission of bid, contractor may upload Undertaking / Certificate from CA mentioning Financial Turnover of last 3 years or including profit & loss statements and further details if required may be asked from the contractor after opening of technical bids. There is no need to upload entire voluminous balance sheet. This should be certified by CA.		
11	Contractor must ensure to quote rate of each item. The column meant for quoting rate in figures appears in YELLOW colour and the moment rate is entered, it turns SKY BLUE. In addition to this, while selecting any of the cells a warning appears that if any cell is left blank the same shall be treated as "0". Therefore, if any cell is left blank and no rate is quoted by the bidder, rate of such item shall be treated as "0" (ZERO). in the schedule of quantities, if rates are not quoted for items or if a firm quotes "NIL/N.A./Not applicable// Leaving blank space etc." charges, the bid shall be treated as unresponsive and will not be considered. DO NOT use vague terms. Insert required information with clear meaning in technical bid & financial bid.		
12	In the case of bids in three stage system and if it is desired to submit revised financial bid then it shall be mandatory to submit revised financial bid. If not submitted then the bid submitted earlier shall become invalid.		
13	The Department reserves the right to accept / reject any prospective application without assigning any reason thereof.		
14	Short listing of the agencies shall be subject to thorough verification of their credentials and inspection of works carried out by them, through a Technical Evaluation Committee of experts, constituted by ACTREC		
15	<b>IF ANY INFORMATION FURNISHED</b> by the applicant is found to be incorrect at a later stage, they shall be liable to be debarred from tendering / taking up works in TMC.		

16	PROSPECTIVE AGENCIES SHALL SATISFY THEMSELVES OF FULFILLING ALL THE NIT CRITERIA BEFORE SUBMISSION OF TENDER. Department reserves the right of non consideration of tender of the agencies not fulfilling the stipulated criteria.
17	Any Additional work needs to be executed for completion of work, CPWD latest rates will be considered.
18	TMC-ACTREC does not guarantee opening of the tender immediately after the closing date and time due to reasons beyond its control and hence tenders can be opened after the due date and time also. It will however will be ensured that no offers are submitted after tender closing date and time. Vendors cannot submit/modify any offer or attach any file to it after closing date and time as stipulated in the tender notice. System does not permit any alternation, modification, deletion of any entry or condition, offered by the tenderer in the e-tender, after closure of the virtual date and time.
19	ACTREC will not be responsible for any kind of technical problem at Vendor's end in case of difficulty in up loading of tender. Agencies are advice to finish the uploading of tender well before time. No tender will be accepted by ACTREC at later stage that could not be uploaded because of unforeseen technical problems.
20	Bidders who have successfully up loaded the tender documents and forwarded physical (hard) copies of the Technical Bid before due date and time will only be considered. Please note that bidder will have to finish both the activities to proceed further. Otherwise bidders will be disqualified.
21	All papers submitted with the tender should bear the signature and stemp of the tenderer on every page.
22	All information in this tender shall be in English only.
23	Rate quoted should be in Indian currency only.
24	Tender containing clerical errors, typographical error/ arithmetical mistake may be libel to be rejected.
25	All the rates quoted with basic cost and GST as applicable
26	Only one rate shall be offered for the Item. Multiple rates against one item shall be rejected.
27	The tenderers shall quote rates which shall remain valid for acceptance by ACTREC for a period of 12 months or
	stipulated time limit as mentioned in the tender documents.
28	only lowest offer may be considered for financial negotiations.
29	Performance Gaurantee: Performance Gaurantee will have to be submitted at the rate of 3% of the contract value valid for 2 Months after completion of work to be submitted within 15 days of issue of Letter of Intent.
30	Security Deposit will be deducted @ 2.5% of work order value from the running bills and will be refunded after completion of defect liability period of one Year.  Submission of more than one Tender by a particular Tenderer under different names is strictly prohibited. In case it is detected later that this condition has been violated all the tenders submitted by Tenderer would be rejected or cancelled and earnest money or security deposit will be forfeited in addition to such legal action as may be deemed fit and proper.
31	Canvassing in connection with tender/quotation is strictly prohibited.
32	Director-ACTREC reserves right to reject any or all the quotations or allot part of the work to different agencies without assigning any reason.
Mode of measurement will be as per the guidelines laid in the Departmental conditions of contract & technical specifications.	
34	Awarding work order will be strictly as per departmental norms/policies as decided by Competent Authority of TMC-ACTREC.
35	In case holiday falls on the date of opening on the technical bid & due to any other Inappropriate reasons, tender could not be opened shall be opened on next working day.
36	Lowest bidder will be identified on the basis of total basic cost quoted in financial bid those who have already qualified in technical bid.

I have read the Above instructions carefully and understood in right perspecticve.

Date:	Seal and Signature.
Date.	seat and signature.



Date:

#### TATA MEMORIAL CENTRE

#### Advanced Centre For Treatment, Research and Education In Cancer (ACTREC)

A GRANT-IN-AID INSTITUTE UNDER DEPARTMENT OF ATOMIC ENERGY. GOVERNMENT OF INDIA

Tender No:	TMC/ACTREC/ENGG/VLK/ET-02 /EPABX System/RRU Building/2021
ITondor Namo	Supply,Installation, Testing and Commissioning of EPABX system for RRU building at ACTREC Kharghar, Navi Mumbai.

To be printed & executed on Letter head of the bidder

#### **ACCEPTANCE FORM**

I	NAME OF THE	
l	AGENCY	
		To,
		The Director,
		Advanced Centre for Treatment, Research & Education in Cancer (ACTREC),
		Tata Memorial Centre,
		Kharghar, Navi Mumbai- 410208.

Tender Ref: TMC/ACTREC/ENGG/VLK/ET-02 /EPABX System/RRU Building/2021 Name of Work: Supply,Installation, Testing and Commissioning of EPABX system for RRU building at ACTREC Kharghar, Navi Mumbai. .

I/We read the various conditions to tender including general conditions and hereby agree to abide by the said conditions. I/we also agree to keep this tender open for acceptance for a period of 120 (One hundred Twenty) days from the date fixed for opening the same and in default thereof. I/we will be liable for forfeiture of my/our "Security Deposit" to Tata Memorial Centre, ACTREC. I/We will execute the work as per the quoted rates and hereby bind myself/ourselves to execute the work in all respects during the period of contract from the date of issue of letter of acceptance of the tender. I/we also hereby agree to abide DAE general conditions of the contract as amended from time to time and to carry out the work according to the drawings, specifications and special conditions of the contract laid down by ACTREC.

A sum of	is hereby for	warded as Earr	nest Money in the form of D.D/ Bank's P.O.
stand forfeited without A) I/we do not execu	prejudice to ar	ny other rights t	The full value of Earnest Money shall o remedies if:- nmediately after getting information form
to that effect.Until a foconstitute a binding co	ormal agreemen ontract betwee	it is prepared ain us subject to	fter issue of the letter including work order and executed, acceptance of this tender shall modifications, as may be mutually agreed y/our offer for this work.

Seal and Signature.



# TATA MEMORIAL CENTRE ADVANCED CENTRE FOR TREATMENT RESEARCH AND EDUCATION IN CANCER (ACTREC).

A GRANT-IN-AID INSTITUTE UNDER DEPARTMENT OF ATOMIC ENERGY, GOVERNMENT OF INDIA

#### CHECK LIST FOR LIST OF DOCUMENTS SUBMITTED

NIT No.	TMC/ACTREC/ENGG/VLK/ET-02 /EPABX System/RRU Building/2021		
NAME OF WORK:	Supply,Installation, Testing and Commissioning of EPABX system for RRU building at ACTREC Kharghar, Navi Mumbai.		
	Name of Agency:		
Sr. No	PARTICULARS	REMARKS	
1	Name of the Bidder		
2	Postal address		
3	Contact with STD code		
4	Fax with STD code		
5	Name of Contact person		
6	Mobile No.		
7	e-mail ID		
8	BELOW GIVEN DOCUMENTS TO BE SCANNED AND UPLOAD IN THE WEBSITE www.tenderwizard.com/DAE WITHIN THE PERIOD OF SUBMISSION	SCAN COPIED ATTACHED (say scanned copy attached or not)	"YES" OR "NO"
8.1	Financial Turn Over Certified by CA		
	2017-18		
	2018-19		
	2019-20		
8.2	ITR / Profit & Loss Statement Certified by CA		
	2017-18		
	2018-19		
	2019-20		
8.3	Networth certificate: Networth certificate of minimum 15% of the estimated cost put to tender isued by certified Chartered Accountants (on the format prescribed in form B-1)		
8.4	List of Similar Works carried out in last 7 years i) Agency for whom executed ii) Value of Work	ATTACH SCANNED COPY SEPARATELY	
8.5	Value of Work iii) Stipulated time of completion/ present position		
8.6	List of Construction Plants and Machinery:	ATTACH SCANNED COPY SEPARATELY	
8.7	List of Technical Staff	ATTACH SCANNED COPY SEPARATELY	
9	Certificates:		
	i) Registration Certificate if Any,	ATTACH SCANNED COPY SEPARATELY	
	ii) Certificates of Work Experience //Performance certificates iii) Certificates of Registration for Sales	ATTACH SCANNED COPY SEPARATELY  ATTACH SCANNED COPY SEPARATELY	
	Tax/ VAT/ WCT and Service Tax/ GST		

	iv) TIN Registration Certificates	ATTACH SCANNED COPY SEPARATELY	
	Registration	ATTACH SCANNED COPY SEPARATELY	
	Undertaking that the eligible similar work(s) have not been executed through another contractor on back to back basis:	ATTACH SCANNED COPY SEPARATELY ON AGENCY'S LETTER HEAD	
	OEM authorization certificate (For Supply, installation, Service)		
10	Demand Draft, NEFT, Pay Order, of any scheduled Bank towards Cost of Tender Processing Fee	ATTACH SCANNED COPY SEPARATELY	
11	Demand Draft of any scheduled Nationalised Bank towards EMD payable at Kharghar, Navi Mumbai.	ATTACH SCANNED COPY SEPARATELY	
13	Bank Guarantee of any Scheduled Bank against EMD	ATTACH SCANNED COPY SEPARATELY	
14	Conditions of the Contract Book : To be down loaded from www.tenderwizzard.com/dae/help/document s/tatamemorialcentre/condtionsof contract	SUBMITT SIGNED COPY ALONG WITH TECHNICAL BID	
15	I/WE NOTED TECHNICAL BID SALIENT GOVERNING FEATURES OF THE TENDER / WORK		
16	Validity of Offer- Min. 120 days		
17	Completion Period: 120 days		
18	I/WE certified that our TECHNICAL BID is compliant with tender document.		

Note: 1. All the fields where information is asked needs to be filled up. Please don't keep any field blank.

Date Seal and Signature.

### Advanced Centre For Treatment, Research and Education In Cancer (ACTREC) A GRANT-IN-AID INSTITUTE UNDER DEPARTMENT OF ATOMIC ENERGY, GOVERNMENT OF INDIA

### **Vendor Details**

NIT No.	TMC/ACTREC/ENGG/VLK/ET-02 /EPABX System/RRU Building/2021
	Supply, Installation, Testing and Commissioning of EPABX system for RRU building at ACTREC Kharghar, Navi Mumbai.

	Name of Agency:	
Sr No	List of Documents to be scanned & uploaded within the period of bid submission:	Details (to be given mandatorily)
1	Name / Title of the Bidder/ Type of Establishment	
2	We have quoted for all the items in Financial bid in the prescribed format of the Tender documents (say 'Yes/No') (Partial/Incomplete offers are liable for rejection)	
3	Full Address	
4	Name of the person authorized to deal/undertake business for and on behalf of the Bidder	
5	Telephone & Mobile Number	
6	Fax. No.	
7	Email Address	
8	Legal entity of Bidder whether Firm/Society/Company/SSI unit	
9	Establishment Registration Number	
10	Authority with whom Registered	
11	Main Business of the Bidder	
12	Authorized area of Operation in India	
13	OEM Authorization certificate ( Supply , Installation , Service)	
14	Name & Address of Bankers	
15	PAN No. / TAN No.	
16	Registration No. Granted by Govt. body for GST	
17	GST	
18	Networth certificate: Networth Certificate of mnimum 15% of the tender value issued by certified chartered Accountant (on the formate Priscribe in Form B-1)	
19	No. of Man power employed by Bidder	
	1) Technical	
	2) Administrative	
	3) Financial	
20	Experience of the Bidder in dealing with the tendered item/works	
21	Performance Certificate / Work Completion Certificate.	
22	QUALIFYING EXPERIENCE	
	a) THREE Works costing 40% of 'Tendered Value' i.e., Rs.15.25 Lakh each. Or	
	b) TWO Works costing 60% of 'Tendered Value'	

	c) ONE Works costing 80% of 'Tendered Value' i.e., Rs.30.50 Lakh each.	
23	Turn over in the last 3 years	
	2017-18	
	2018-19	
	2019-20	
24	Average Turn Over for Last 3 Years, certified by CA.	
25	Details of work orders in the last 7 years, amount, Name of Authority, Completion Period etc. (separate sheet)	
26	List of plant & machinery of bidder (attach separate sheet)	
27	Demand Draft/Cash Receipt Number for EMD, Amount, Date, Bank, etc.	
28	There are deviations of specification/type etc in any of the items of Financial Bid. (Deviations, if any, shall be mentioned in Technical Bid. The agency has to quote separately for the those items and enclose with Financial Bid)	

Certified that the above information is correct & true to the best of my knowledge and belief. Nothing has been concealed

Signature

Name of authorized person for bidder with seal



## TATA MEMORIAL CENTRE Advanced Centre For Treatment, Research and Education In Cancer (ACTREC) Kharghar, Navi Mumbai – 410210.

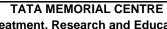
99.	
NIT No:	TMC/ACTREC/ENGG/VLK/ET-02 /EPABX System/RRU Building/2021
Name of Work:	Supply,Installation, Testing and Commissioning of EPABX system for RRU building at ACTREC Kharghar, Navi Mumbai.
Name of Agency:	
	Scope of work:
	The scope shall include SITC of all required Active and Passive components as given in the indicative bill of material and schematic
1	diagram for RRU Building which is G+7 Floor and Basement.
2	Providing EPABX connectivity to RRU building from Main telephone exchange ( Make Alcatel ), which includes Supply, Installation, testing , commissioning and integration of VOIP access board for 290IP extensions for existing EPABX system with SIP license, related fiber connectivity, LAN networking for IP phones and other related works at ACTREC, Kharghar Navi Mumbai.
	The scope for SITC of active components shall include –
3	1.1 Addition of software and hardware resources to existing Alcatel Lucent's OmniPCX Enterprise IP-PBX Platform, Omni Vista 8770 NMS communication system — a) VoIP Hardware resource card on centralized Alcatel Lucent's IP-PBX system for enabling add-on SIP users — 290 nos. b) Addition of SIP user base licenses, System redundancy license for add-on users— 290 nos. c) Providing NMS 8770 Call billing for all users. Add-on licenses for existing Omni Vista 8770 NMS for unified management, metering, and tracking for all 290 users.  All the above hardware and software resources must have compatibility with the existing EPABX ( Make Alcatel Lucent) system.
	Make: Alcatel - lucent / Avaya /Siemens/ CISCO
4	Agency has to provide SIP license for 290IP extensions and call billing software
	Installation and Commssioning , Integration Services for Active components -
5	VOIP resources (hardware/software) at central exchange     Installation and configuration of PoE switches at access layer and uplinking with existing L3 switch
	2. Installation and configuration of POE switches at access layer and uplinking with existing L3 switch  3. integration of new add on users with existing system in cordination with service provider.
	SITC of IP phones and related network comprising switches/networking cabling/IOs etc., UPS power supply, required softwares,
6	hardwares, licenses etc.
7	SITC of 24 Port PoE Network Switchs, OS2220-P24 or equivalent Gigabit Ethernet WebSmart chassis in a 1U form factor with 24 x 10/100/1000 PoE Base-T ports, 2 fixed SFP (1G) with internal power supply (192W PoE budget). For every floor in RRU Building
8	SITC of 8 Port PoE Network Switches, OS2220-P8: or equivalent WebSmart Gigabit standalone chassis in 1RU size. Includes 8 RJ-45 10/100/1G BaseT and 2xSFP ports, AC supply (75W PoE budget), country specific power cord and user guides
9	SITC of SFP Module 02 Nos -GIG-LX - 1000Base-LX Gigabit Ethernet optical transceiver for above mentioned 24 port POE network switch from same OEM
10	SITC of SFP Module 02 Nos -GIG-LX - 1000Base-LX Gigabit Ethernet optical transceiver SFP MSA). Supports single mode fiber over 1310nm wavelength nominal) with an LC connector. Typical reach of 10 Km on 9/125 m SMF. Compatible with existing Alcatel Layer switch OS6860E
11	SITC of POE network switches L2, 8 port, 24 port for floor to floor CAT 6 connectivity with SFP module for external fiber connectivity.
12	SITC of 12U wall mounted double section rack with acrylic glass door having 2 Nos. 90 CFM fans, cable managers, 5A Sockets, fuse,
13	ON/OFF Switch, 1 Packet mounting hardware, etc.  SITC and termination of CAT-6 cable through casing-capping, PVC conduit for all floor IP telephone network with connectors
14	Supply installation testing and commissioning of 12-core, Outside Optical Fibre Cable, Corrugated Steel tape Armored, Loose-tube, Gel-filled, 9/125 SM OS2 with end to end terminations, OS2 fully loaded fiber tray, LIU which includes adaptors, pigtails, splice protectors, connectors (SC - LC), patch cords, patch panels other related electrical accessories.
15	Fiber optic cable to be laid from Existing Main telephone exchange ( Alcatel lucent - EPBAX) to RRU Building and from Archive
	Building to RRU Building at ACTREC to form ring topology  Scope of work includes Excavation work of hard concrete/asphalt surface, soft soil, road crossing with 150mm DWC pipe, depth up to
16	600mm and laying of fiber cable through 25mm DWC pipe and refilling and finishing with concrete /asphalt on top at road crossings after completion.
17	Fiber cable to be laid in 25mm DWC pipe above and under ground throughout the length with standard fixing accessories like pipe
18	clamps, couplers and saddles etc. The fiber optic cable to be laid under ground at 600mm depth
	Supply ,Installation,Testing & Commissioning of Hot deeped Galvanised Perforated type Cable tray manufactured from 16 swg (1.6 mm
19	thick) GI sheet of 300 mm width & 50 mm height complete with necessary coupler plates, support & hardware in approved manner for floor to floor.
20	SITC of 1KVA ONLINE UPS system with battery bank having minimum 20 min. power back up. Make-APC/Libert
21 22	Supply & programming of IP Phone Model No. 8028 alcatel lucent or equivalent.  Supply & programming of IP Phone Model No. H2P SIP alcatel lucent or equivalent.
23	Location for installation of LIU, Network switches, Racks, UPS will be as directed by ACTREC engineering team.EPABX schematic
24	diagram is attached for further details  Transportation of EPABX components/ accessories/ gadgets/ cables/ instruments and other related materials from the factory/ customs (if imported) to ACTREC installation site respectively, unloading, keeping the same at site appropriately for execution and installation
25	thereafter.  Agency will have to conduct all tests, calibrations on EPABX system as per norms and requirements at factory/site and after commissioning on site. ACTREC engineers will witness the testing at factory as may be the case. Agency to bear the cost of travel for
	ACTREC representative to witness the tests at Factory. Agency to co-ordinate for suitable date and time.  Agency to submit all relevant documents, test reports/certificates, as laid drawing, warrantee cards, post installation servicing during
26	warrantee period etc.  Agency to give 1 year warrantee for the entire SET UPS/system i.e. EPABX/Servers/Networking/ power
27	supply/softwares/hardwares/cabling etc. Agency to provide service and maintenance support during defect liability period free of cost.
28	All the features must be shown and tested before completion certificate is issued for settlement of final payment.
29	ACTREC is a running institution having OT / BMT / ICU etc. hence, agency should appoint qualified and experienced project manager to schedule and implement the project with least disturbance to ongoing works/patients and their relatives.
30	Agency should submit all the necessary catalogues, Brochures , as laid drawings/schematic, test reports, certificates, undertakings
31	etc. as required before settling of payment.  Installation of EPABX is to be done at ACTREC ,Kharghar-Navi Mumbai Material delivery may be done at respective sites accordingly.  Once the order is issued, agency to contact respective engineer-in-charge for administrative activities, challans, gate pass,
"	submission of bills, any other site related activities etc. One set of documents forwarded to ACTREC for record purpose.
32	Agency has to handover complete system in working condition, satisfaction to end user

	General conditions
1	Transportation of related materials from the factory/ coustomes (if imported) to ACTREC installation site respectively, unloading, keeping the same at site appropriately for execution and installation thereafter in th scope of agency.
2	All areas must be cleared from debris/ dismantled materials before completion certificate is issued for settlement of final payment. Bill will be settled as per the joint measurement for actual work done.
3	Agency should submit all the necessary test reports, certificates, undertakings etc. as required before settling of payment.
4	Once the order is issued, agency to contact respective engineer-in-charge for administrative activities, challans, gate pass, submisson of bills, any other site related activities etc.
5	All Civil related excavation work to be carried out by the agency.
6	All the features/functionalities must be shown and tested before completion certificate is issued for settlement of final payment. Bill will be settled as per actual measurement.
7	Agency should submit all the necessary catalogues, Brochures, as laid drawings/schematic, test reports, certificates, undertakings etc. as required before settling of payment.
8	Agency should provide training to Engineering for operation & maintenance. Operational training to ACTREC staff is to be given in ACTEC itself.
9	Agency has to provide 1 year warranty for System
Note:	The agency is requested to visit the site to know actual scope of work before quoting.



### Advanced Centre For Treatment, Research and Education In Cancer (ACTREC) Kharghar, Navi Mumbai – 410210.

NIT No:	TMC/ACTREC/ENGG/VLK/ET-02 /EPABX System/RRU Building/2021	
Name of Work:	Supply,Installation, Testing and Commissioning of EPABX system for RRU building at ACTREC Kharghar, Navi Mumbai.	
Name of Agency:		
	Introduction	
1	ACTREC have been using Alcatel Lucent Enterprise's OmniPCX Enterprise as its communication platform across the campus. The existing system is catering the seamless communication between various buildings located in the campus. The existing setup consists of Alcatel Lucent's OmniPCX Enterprise IP-PBX Platform, Omni Vista 8770 NMS and OS6860 – 2 nos. L3 switches.  In view with the same, ACTREC intended to extend the existing communication system to the new building i.e. RRU building for a seamless communication with the rest of the campus.  Existing system has 1000 Extension capacity	
2	ACTREC has IP telephony along with analogue extensions and latest hybrid platform server based unified communication support EPABX system. Telecommunication at ACTREC is in the form ring network. Idea is to connect individual building set up on WAN to central location as well as to each other. Objective to have ring networking into achieve redundancy and flexibility as well as scalability. ACTREC is an expanding premises and new constructions are taking place. In order to absorb new requirement enhancement in existing EPABX is opted	
3	Existing systems has adequately sized/compatible/scalable communication server configured in active mode and gate way for connecting Analogue/IP extensions / PRI cards and other necessary cards etc. The server has redundant power supply, at least two network interface cards, optimum storage in RAID configuration and adequate memory for smooth functioning of Telephony application in totality. Second communication server of exactly matching specifications will be installed at remote end/location/building as suggested by ACTREC and will be configured in passive mode. Second communication server has same rating and configuration is capable to handle entire applications in case of failure of first main active server and vice versa. Remote location system has identical scalability, stability, flexibility.	
4	For IP telephone network we had IPPBX call server ( make alcatel lucent CS2) installed at Main telephone exchange , CCE building and archive building	
5	New IP extensions of RRU building will be connected to existing IPPBX call server through network switch	
6	To meet additional IP extension requirement for RRU building it is required to enhance the capacity of existing EPABX by integrating new VOIP access board with 290 IP extensions licence.	
7	The scope shall include SITC of all required Active and Passive components as given in the indicative bill of material and schematic diagram.	





Advanced Centre For Treatment, Research and Education In Cancer (ACTREC) Kharghar, Navi Mumbai – 410210.

NIT No:	TMC/ACTREC/ENGG/VLK/ET-02 /EPABX System/RRU Building/2021		
Name of Work:	Supply,Installation, Testing and Commissioning of EPABX system for RRU building at ACTREC Kharghar, Navi Mumbai.		
Name of Agency:			
	Technical Specification		
	ACTREC have been using Alcatel Lucent Enterprise's OmniPCX Enterprise as its communication platform across the campus. The existing system is catering the seamless communication between various buildings located in the campus.		
1	The existing setup consists of Alcatel Lucent's OmniPCX Enterprise IP-PBX Platform, Omni Vista 8770 NMS and OS6860 – 2 nos. L3 switches.		
	In view with the same, ACTREC intended to extend the existing communication system to the new building i.e. RRU building for a seamless communication with the rest of the campus.		
2	24 Port PoE Network Switchs, OS2220-P24 or equivalent Gigabit Ethernet WebSmart chassis in a 1U form factor with 24 x 10/100/1000 PoE Base-T ports, 2 fixed SFP (1G) non-blocking switching capacity of 52 Gbps , with internal power supply (192W PoE budget).		
3	8 Port PoE Network Switches, OS2220-P8: or equivalent WebSmart Gigabit standalone chassis in 1RU size. Includes 8 RJ-45 10/100/1G BaseT and 2xSFP ports, non-blocking switching capacity of 20 Gbps AC supply (75W PoE budget), country specific power cord and user guides.		
4	SFP-GIG-LX - 1000Base-LX Gigabit Ethernet optical transceiver SFP MSA). Supports single mode fiber over 1310nm wavelength nominal) with an LC connector. Typical reach of 10 Km on 9/125 m SMF.		
5	12U wall mounted double section rack with acrylic glass door having 2 Nos. 90 CFM fans, cable managers, 5A Sockets, fuse, ON/OFF Switch, 1 Packet mounting hardware, etc.		
6	Supply & programming of IP Phone Model No. 8028 ( Alcatel Lucent or equivalent. Should configure with existing system		
7	Supply & programming of IP Phone Model No. H2P SIP Alcatel Lucent or equivalent. Should configure with existing system		



#### Advanced Centre For Treatment, Research and Education In Cancer (ACTREC) Kharghar, Navi Mumbai – 410210

NIT No :	TMC/ACTREC/ENGG/VLK/ET- 02/EPABX System/RRU Building/2021	
Name of Work :	Supply,Installation, Testing and Commissioning of EPABX system for RRU building at ACTREC	
Name of Agency:		

#### List Of Make

Sr No	Item Description	Make
1	Fiber optic armoured cable	Polycab, commscope, finolex, netconnect
2	Fiber Tray LIU	Commscope , Netconnect , Alcatel lucent
3	Fiber optic cable Termination accessories	Commscope , Netconnect , Alcatel Lucent.
4	SFP Module	CISCO / Alcatel Lucent / Netconnect / HP
5	POE switch	CISCO / Alcatel Lucent / Netconnect / HP
6	Patch cord LC - SC -PC type	Polycab, commscope, finolex, netconnect
7	CAT 6 Patch Panel	Commscope , Netconnect , Alcatel Lucent. / Tyco / Molax / D Link / Digisol
8	CAT 6 LAN Cable	Polycab, commscope, finolex, netconnect
9	12U Rack	D Link / CISCO / Netrack / Velrack / WQ
10	PVC Conduit / Casing Capping	Preceision / Balco / Clipsal
11	HDPE Pipe	Preceision / Balco / Clipsal
12	Cable Tray	Profab / legrand / RC engineering / Sadhana or equivalent standard
13	VOIP Access card	Alcatel - lucent / Avaya / Siemens / CISCO
14	UPS	APC / libert
15	IP telephone	Alcatel-Lucent, CISCO, AVAYA.

I hereby declare that i will use above mentioned makes/brands only, marked against the material description during Agency has to take prior approval from EIC, OIC befor providing different makes.

Signature of the tenderer with stamp



#### Advanced Centre For Treatment, Research and Education In Cancer (ACTREC)

A GRANT-IN-AID INSTITUTE UNDER DEPARTMENT OF ATOMIC ENERGY, GOVERNMENT OF INDIA

#### **NEFT FORM**

APPLICATION FORM FOR DEPOSITING PAYMENT AGAINST BILLS IN BANK ACCOUNT BY ELECTRONIC CLEARING		
1	Name of the Bidder	
2	Bidder Address & Other Particulars	
3	PAN NO.	
4	GST NO.	
5	Mobile No.	
6	Email ID	
7	Account Holder's Name (Title of the Account)	
8	Bank Account No.	
9	Bank Name, Branch & Address	
10	9-Digit MICR code of the bank	
11	Account type (SB/CURRENT)	
12	IFSC Code (attach xerox copy of cheque)	

Certified that the particulars furnished above are correct as per ou	r records.
	Signature of the authorised official from the bank.
Bank stamp:	
Date :	
Note: Very series of the many heads about with out which the form	When the country d

 $\label{thm:note: Note: Xerox copy of cheque may be attached, without which the form will not be accepted. \\$ 



### TATA MEMORIAL CENTRE ADVANCED CENTRE FOR TREATMENT RESEARCH AND EDUCATION IN CANCER (ACTREC).

A GRANT-IN-AID INSTITUTE UNDER DEPARTMENT OF ATOMIC ENERGY, GOVERNMENT OF INDIA

Tender No:	TMC/ACTREC/ENGG/VLK/ET- 02/EPABX System/RRU Building/2021
Hender Name:	Supply,Installation, Testing and Commissioning of EPABX system for RRU building at ACTREC Kharghar, Navi
	Mumbai.

	ividitibal.
NAME OF THE	
AGENCY	Special Terms and conditions of contract
	ELIGIBILITY CRITERIA:
1	The Bidder should be a Manufacturer / Indian Subsidiary of OEM / an authorized agent of OEM for minimum three yea with a legal status in India. It must be noted that the tenderer should not have been blacklisted by any Governmen Agency/Institutions of local self Government / Public Sector in India under any contractual relation with them or facing process of penal action as such on complaints of quality. Director, ACTREC reserves the right for insisting upon
	submission of Satisfactory Performance Certificate issued by any such agency.
2	There shall be a screening committee appointed by Director ACTREC to examine the list of documents desirable as preterms & conditions attached to the Tender and to report in details on the eligibility of tenderers for further examination to the competent authority. The Tenderers are required to produce the original documents for verification if requires for the screening committee.
3	Agency who carried out similar nature and magnitude of work supply , installation, integration/maintenance/service of IP Server based EPABX system with allied electrical works like Fiber optic cable networking, telephone system cabling etc.
4	Lowest bidder will be identified on the basis of basic cost only quoted in financial bid those who have alread qualified in technical bid. GST will be extra as applicable.
5	Bidders should have their office / technical support team in the vicinity of Navi Mumbai/Mumbai area.(MMRD)
6	Agency will have to quote for <u>one brand only</u> . List of make is provided for reference. Third party components needs be disclosed in Complaince form for technical evaluation and acceptance. Do not right LOCAL make.
7	Competent Authority reserves right to accept or reject the offer in whole or in part and award the work in whole or in part, as per norms/policies accepted by the centre.
8	Transportation of materials from the factory to ACTREC installation site respectively, unloading, keeping the same a site appropriately and placing as per the instructions of Engineer-incharge.
9	Agency to submit all relevant documents, test reports/certificates, post installation servicing if any.
10	Agency is responsible to any hazards or damage occurs to the ACTREC infrastructure buildings and insurance of th comes in their account dring work execution.
11	Once the order is issued, agency has to contact respective engineer-in-charge for administrative activities, challan gate pass, submisson of bills, any other site related activities etc.
12	ACTREC requires that the successful agency will enter in to an agreement for on above Subjected work mutually agree terms and conditions on placement of order.
13	The tenderer/Bidder should be competent enough to deal with the business of the tendered item technically are financially and should have adequate man-power having prescribed qualification (Skilled & Technical) required for managing the business.
	Inspection & Test:
1	The Purchaser shall have the right to inspect and/or test the equipment for conformity to the Contract Specifications
2	In case any inspected or tested equipments fail to conform to the specifications, the Purchaser may reject them and the supplier shall either replace the rejected equipments or make all alterations necessary to meet specification requirements free of cost to the Purchaser. The purchaser is open to charge any penalty in this regard.
3	Supplier shall provide installation and standard tests for the individual equipment before the delivery of the system site.
4	The supplier shall test each individual equipment and the complete system after installation at site and prepare a tereport. This shall be compared with the factory test report to ensure that there is no deterioration in the equipme parameters during storage, transportation and installation.
5	Leaflets, equipment manuals (hard copy, Compact Disk, DVD etc) and literature should be attached for ready reference alongwith complete documentation of all the measurements conducted during installation period which shall submitted by the supplier for future reference.

submitted by the supplier for future reference.

6	The technical problems faced during installation, testing and commissioning period and their solutions shall be submitted by the supplier at the time of handing over the completed works.
7	For the purpose of taking over the equipment/system supplied pursuant to this contract, an acceptance test shall be carried out at the Purchaser/Consignees destination site. The equipment which meets the acceptance test shall only be accepted by the Purchaser.
8	(a) Acceptance Test at site shall be conducted of individual equipment and complete system to ensure that individual equipment and complete system meets the technical specifications and other operational and technical requirements of tender
9	(b) The Purchaser shall have the right to reject any individual equipment or complete system, if in its opinion the same does not meet technical specifications, operational or technical requirements. The decision of the purchaser in this regard shall be final
10	(c) The delivery, installation or commissioning shall not be deemed to have been completed unless all the equipments and systems are accepted by the purchaser
11	Before the equipment is taken over by the Purchaser/Consignee, the Supplier shall provide manuals of the equipment/systems. This shall include the following: i) System Interface Drawings, Wiring diagrams ii) System Interconnection and Block diagrams iii) User Operation Manuals iv) Equipment Maintenance Manuals
	PRICE BID
1	The tenderer should quote the price exclusive of GST and levies of the each items on the Schedule of Quantity enclosed with the tender documents and signature & stamp thereon each page, in separate sealed cover, super scribing name of work indicating 'PRICE BID'. (Price bid submitted other than above form will be rejected). Partial/incomplete offers are liable for rejection as the entire work is considered as one work and Lowest bidder will be identified on the basis of basic cost only quoted in financial bid those who have already qualified in technical bid. GST will be extra as applicable. If the tenderer does not qualify himself in the technical bid, the price bid offered will not be entertained. In case of unsuccessful bidders in the technical bid, price bid will not be opened and would be returned (if required).
2	in the schedule of quantities, if rates are not quoted for items or if a firm quotes "NIL/N.A./Not applicable// Leaving blank space etc." charges, the bid shall be treated as unresponsive and will not be considered.
3	Validity of rates: 120 Days from the opening of the tender.
4	Defect Liability Period: 1 Year
5	Stipulated time for completion of work: 120 Days from the date of issue of Work Order.
6	Variation in rates will not be allowed and will not be payable.  LIQUIDITED DAMAGE
1	Successful tenderer will have to commence/execute the work as per the order placed by email/soft copy/LOI/Work order within the stipulated time period mentioned in the order. In failure to do so, the performance security submitted by the firm will be forfeited. In the event of the contractor fail to comply with conditions of this contract, he shall be liable to pay a compensation for non commitment of work as per order or for the delay an amount equal to 1% per month delay to be computed on per day basis, provided that the entire amount of compensation to be paid shall not exceed 10% of the estimated cost of the work. If the work is not completed within the stipulated time period as mentioned in the work order or inferior nature of work, the engineer in-charge has the right to terminate the whole work or part and get the work done from other agency at the risk and cost of tenderer and access money will be recovered from any dues. Liquidated damage can be recovered from EMD, Performance Security, Security Deposit or running bills of the Tenderer. Extension in delivery of work will not be given except in exceptional circumstances. The defaulting tenderer will be debarred from participant of any tender of TMC.

	<u>ARBITRATION</u>
 1	In the event of any dispute arising between ACTREC and the contractor in any matter covered by this contract or arising
	directly or indirectly there from or connected or concerned with the said contract in any manner of the implementation of any terms and conditions of the said contract, the matter shall be referred to the Director, ACTREC who may himself act as sole arbitrator or may name as sole arbitrator an officer of ACTREC/TMH notwithstanding the fact that such
	officer has been directly or indirectly associated with this contract and the provisions of the Indian Arbitration Conciliation Act, 1996 shall apply to such arbitration. The contractor expressly agrees that the arbitration proceedings shall be held at MUMBAI/NAVI MUMBAI.

	DIRECTOR-ACTREC/THE TENDER COMMITTEE / TENDERING AUTHORITY / UNDERSIGNED RESERVE THE RIGHT:
1	To reject any / or all the Tenders at any stage without assigning any reason there of and not accept the lowest Tenders.
2	To invite fresh offers from the open market or negotiate with other tenderers quoting higher rate to come down to the lowest rate of the item offered by the competitors in the tenders.
3	To procure any item of the tender directly from State / Central govt. Undertaking at government rate even if a tender of other parties for the same item has been offered / accepted / approved.
4	To reject abnormally low price of an item quoted by the tenderer in the Tender with some malafide intention.
5	Officer authorised on behalf of the Director-ACTREC does not bind himself/herdelf to accept the lowest or any other offer & reserve the right to cancel, reduce or split the contract on more than one source without assinging any reason for such action.
6	DIRECTOR-TMC/ACTREC reserves right to accept the tender in full or part with out assigning any reasion.
	RISK PURCHASE
1	In the event of failure to execute the contract to the satisfaction of the engineer in-charge he has the reserves the right:
2	To reject any part of the contract executed and withhold payment for such portion of the contract till such time the defects are rectified to the satisfaction of the Engineer In-charge.
3	To terminate the contract by giving 2 weeks notice in writing without assigning any reason and to get the contract executed by other agency at the risk and cost of the contractor.
	GENERAL LIEN
1	Whenever under this contract any sum of money is recoverable from and payable by the contractor, ACTREC shall be entitled to recover such sum by appropriating in part or in whole the security deposit of the contractor, if a security is taken from the contractor. In the event of the security being insufficient or if no security has been taken from the contractor, the balance or the sum recoverable, as may be shall be deducted from any sum duo to the contractor or which at any time thereafter may become due to the contractor under this or any other contract with the ACTREC. Should this sum be not sufficient to cover the full amount recoverable, the contractor shall pay to the ACTREC on demand the remaining balance due.

	RECTIFICATION OF WORK/REPLACEMENT OF DEFECTIVE SUPPLY
1	In any supply item or any part of work is found defective or fails to meet the requirements of the contract before it is accepted, the ACTREC shall give the contractor a notice setting forth details of such defects or failures and the contractor shall forthwith arrange to set right the defective work or replace the defective supply by the good one to make it comply with the requirements of the contract. This in any case shall be completed within a period not exceeding one month from the date of the initial report pointing out the defects. The replacement or rectification shall be made at site by the contractor at free of cost. Should the contractor fail to do the needful within this stipulated time frame, ACTREC reserves the right to reject the work/equipment in full or in part and get it replaced at the cost of the contractor. The cost of any such replacement made by the ACTREC shall be deducted from the amount payable to the contractor against this work order.

	TERMINATION FOR DEFAULT
1	ACTREC, may without prejudice to any other remedy for breach of contract, by written notice of default, sent to the contractor, for termination of this contract in whole or in part;
2	If the contractor fails to deliver any or all the work within the time period (s) specified in the contract, or any extension thereof granted by ACTREC.
3	If the contractor fails to perform any other obligation(s) under the contract.
4	If the contractor in either of the above circumstances, does not remedy his failure within a period of 15 days (or such longer period as ACTREC may authorize in writing) after receipt of the default notice from ACTREC on a notice period of 30 days.
5	In the event of ACTREC terminate the contract in whole or in part pursuant to above para the ACTREC may execute the work upon such term and in such manner as it deems appropriate work similar to those undelivered and contractor shall be liable to ACTREC for any excess cost for such similar work. However, the contractor shall continue the performance of the contract to the extent not terminated.

	ADDITIONAL OR EXTRA WORK
1	ACTREC reserve the right to place extra items other than schedule quantity for completion of given work order. In such cases the Engineer In-charge calculate the expenditure for supply and execution of such work by taking quotation from local agency and adding applicable levies, labor charges, incidental expenditure, profit etc. as per the normal procedure to arrive suitable rate. He may also obtain the expenditure of the extra item either from CPWD manual or from the work order executed for government organization for similar work in the recent past. If the quantity of work is exceeding more than 10%, Engineer-in-Charge should be informed the same and execution should be done only after prior approval.
2	ACTREC also has the reserve to modify the quantity of items in work order to add/reduce/cancel as per the site requirements. Such additional quantity will be settled at the same rate and terms & conditions of the order on completion of work after taking final joint measurement.
3	Agency to inform in advance before executing additional/substitute quantity. Prior approval for the same should be obtained from ACTREC before execution.

	PAYMENT TERMS
1	Payment terms of ACTREC are given below.
2	60% against delivery (the contractor has to forward their bill enclosing the challans duly endorsed at security gate with receiver signature).
3	20% against installation testing and commissioning
4	20% against completion of work. (After all the parameters & functionalities has been checked and shown & confirmed with Dept.)
5	Payment will be done as per actual measurement.
6	Payment term other than above mention will not be accepted.
	FAIR WAGES
1	The contractor shall pay the monthly wages to the labors employed by him as per the minimum wages enforced by Labor Enforcement Authority of India on time to time in front of an ACTREC official, together with ESIC, Provident Fund, and Bonus etc. as applicable. The contractor will forward his bills for the work executed by him by attaching copies of salary slip signed by the worker for the current/previous month for early settlement of his bills.

#### **SAFETY** All the contractors personnel working shall be complete with approved safety Sevices wherever a potential hazard to personnel exists and with provision for safe access of personnel to and around equipment for operational and maintenance functions. It shall be the responsibility of the contractor that all necessary safety measures and precautions are invariably ensured while performance of the contract work and CLIENT shall not be responsible for any injuries / accidents suffered by contract labour. The workers are required to follow the safety rules while working. The sufficient no.of safety gadgets such as, safety shoes, gumboots, earplugs, helmets, safety belts & HT/LT hand gloves etc.as and when required are to be made available to them. The agency is required toprovide First Aid Box with all accessories at suitable location during contract period. FORCE MAJEURE Neither the Contractor nor shall be considered in default in performance of their contract, as long as such performance is prevented or delayed because of legal strikes, war, hostilities revolution, civil commotion, epidemics, accidents, fire, cyclone, flood, or because of any Law & Order proclamation, regulation or ordinance of Government or sub-division thereof or because of any Act of God, provided it shall promptly in any case not later than 14 days of happening of the event, notify the other, the details of the Force Majeure and influence on its activities under the contract. The proof of existence of force majeure shall be provided by the party claiming it, to the satisfaction of the other party.

	Note Note
1	Agency to assess the nature of work by visiting the site well before tender is submitted. Agency may attend pre-bid meeting for clarifications.
2	Agency may attend pre-bid meetings.
3	Deviations/suggestions may be put on separate page in order to attain higher quality performance. Competer authority reservers full right to accept or reject any kind of changes.
4	Agency also have to submit compliance form-1,2 and make which is commitment against Tender/work requirements.
5	Technical strength, expertise in after sales service and application support of the tenderer/bidder will be the one of the most important criteria for technical suitability.
6	Literature/Certificate containing the information of the life of the equipment should be submitted. This criteria is ver important and to be noted as a special condition for the tender acceptance
	Other Special conditions (This conditions overrule other condition specified anywhere in contract as applicable)
1	The work to be carried out as per the instruction of Engineer-incharge
2	Material delivery challans duly endorsed at security gate at the time of material delivery to be submitted along with running and final bills
3	Deployed workers must have company I cards and should follow all safety as per the labour laws.
4	Material to be used of approved make with ISI mark as mentioned in schedule of rate and as per the instruction of Engineer-incharge.
5	Space for storage of material during execution of work will be provided if available in the ACTREC Premises to th contractor. But risk of theft/damage is the contractor's risk and TMH/ACTREC is not responsible for an theft/damage/fire.
6	During execution of works, contractor has to take adequate care of ongoing patients care services.
7	No mobilisation or secured advance will be paid to contractor.
8	The Contractor should depute Supervisor/Engineer at site during execution of works on each and every day and night a per the instructions given by Engineer - in charge.
9	If the contractor fails to clear the debris from premises then fine of Rs 10,000/truck will be charged and recovered.
10	Agency to bring his manpower to execute the works irrespective of quantity of work alloted.







#### Compliance form-1

Tender No:	TMC/ACTREC/ENGG/VLK/ET-02 /EPABX System/RRU Building/2021
Tender Name:	Supply,Installation, Testing and Commissioning of EPABX system for RRU building at ACTREC Kharghar, Navi Mumbai.

Name of the Vendor					
Item No.	Description	Qty	Unit	We have read all item specification (Yes/No)	we have quoted against each item.(Yes/No)
1	Supply, Installation, Testing & Commissioning of VoIP Hardware resource card on centralized Alcatel Lucent's IP-PBX system for enabling add-on SIP users	1	EACH		
2	Providing SIP Extension user licenses and system redundancy licenses for add-on users	290	EACH		
3	Providing NMS 8770 Call billing for all users. Add-on licenses for existing Omni Vista 8770 NMS for unified management, metering, and tracking for all 290 users	1	EACH		
4	SITC of 24 Port PoE Network Switchs, OS2220-P24 or equivalent Gigabit Ethernet WebSmart chassis in a 10 form factor with 24 x 10/100/1000 PoE Base-T ports, 2 fixed SFP (1G) with internal power supply (192W PoE budget).	15	EACH		
5	SITC of 8 Port PoE Network Switches, OS2220-P8: or equivalent WebSmart Gigabit standalone chassis in 1RU size. Includes 8 RI-45 10/100/1G BaseT and 2xSFP ports, AC supply (75W PoE budget), country specific power cord and user guides.	2	EACH		
6	SITC of SFP Module -GIG-LX - 1000Base-LX Gigabit Ethernet optical transceiver for 24 POE network switch from same OEM	2	EACH		
7	SITC of SFP-GIG-LX - 1000Base-LX Gigabit Ethernet optical transceiver SFP MSA). Supports single mode fiber over 1310nm wavelength nominal) with an LC connector. Typical reach of 10 Km on 9/125 m SMF. Compatible with existing Alcatel switch OS6860E	2	EACH		
8	SITC of 12U wall mounted double section rack with acrylic glass door having 2 Nos. 90 CFM fans, cable managers, 5A Sockets, fuse, ON/OFF Switch, 1 Packet mounting hardware, etc.	9	EACH		
9	Installation and Commssioning Services for Active components -  1. VOIP resources (hardware/software) integration at central exxchange  2. Installation and configuration of PoE switches at access layer and uplinking with existing L3 switch  3. Integration of new add on users with existing system and minimum downtime.	1	SET		
10	3. Integration of new add on users with existing system and minimum downtime.  SITC and termination of CAT-6 cable through casing-capping, PVC conduit for floor to floor connectivity with RJ 45 connectors	915	MTR		
11	Supply & laying of 25mm PVC conduit with Fixing accessories.	325	MTR		
12	Supply & fixing of 1 Mtr. Patch cord.	570	EACH		
13	Supply & fixing of CAT 6, 24 Port Patch Panel loaded.	18	EACH		
14 15	Termination of Information Outlet with connectors  SITC of 12-core, Outside Optical Fibre Cable, Corrugated Steel tape Armored, Loose-tube, Gel-filled,	20 550	EACH MTR		
	9/125 SM OS2 (TELEPHONE EXCHANGE TO RRU BUILDING AND ARCHIVE BUILDING TO RRU BUILDING).				
16	SITC of 12Port LC Type SM Loaded LIU Without Pigtail	6	EACH		
17	SITC of PATCHCORD, SM (OS2), DUPLEX LC-LC, PC TYPE, 3M, LSZH	16	EACH		
18 19	Fibre cable Splicing charges	48 500	EACH MTR		
	Supply & Installation of 25MM HDPE Pipe With std Accessories (Pipe clamp/screw/rawlplug)				
20	Sypply & Installation of 150MM HDPE Pipe With std Accessories (Pipe clamp/screw/rawlplug)	30	MTR		
21	Supply ,Installation,Testing & Commisioning of Hot deeped Galvanised Perforated type Cable tray manufactured from 16 swg (1.6 mm thick) GI sheet of 300 mm width & 50 mm height complete with necessary coupler plates, support & hardware in approved manner.	40	MTR		
22	Exavation of all kind of soil as per requirement below ground level including blasting & chiseling, using compressor, dewatering, back filling, reinstatement, after work completion, if necessary disposal of excess earth within the radius of 500 Mtrs etc, stacking of rocks at selected places as per instruction of EIC.	25	CUM		
23	Exavation of hard rock/road crossing as per reuirement below ground level including blasting & chiseling, using compressor, dewatering, back filling, if necessary disposal of excess earth within the radius of 500 Mtrs etc. stacking of rocks at selected places as per instruction of EIC.	20	CUM		
24	Supply of 1KVA ONLINE UPS system with battery bank having minimum 20 min. power back up.  Make-APC/Libert	9	EACH		
25	Supply & programming of IP Phone Model No. 8028 Alcatel Lucent or equivalent as per list of make	21	EACH		
26	Supply & programming of IP Phone Model No. H2P SIP Alcatel Lucent or equivalent as per list of	220	EACH		



### TATA MEMORIAL CENTRE ADVANCED CENTRE FOR TREATMENT RESEARCH AND EDUCATION IN CANCER

A GRANT-IN-AID INSTITUTE UNDER DEPARTMENT OF ATOMIC ENERGY, GOVERNMENT OF INDIA

#### Compliance form-2

Tender No:	TMC/ACTREC/ENGG/VLK/ET-02 /EPABX System/RRU Building/2021	
Tender	Supply,Installation, Testing and Commissioning of EPABX system for RRU building at	
Name:	ACTREC Kharghar, Navi Mumbai.	

# Name of the Vendor

Item No	Description of Item	Compliances from Licencee/Agency (YES/NO)
1	We have understood technical requirments and understood the same in right perspective.	
2	We have read Technical bid and financial Bid Tender document/Technical specifications/Scope of work/special conditions/General conditions etc. carefully and understood the same in right perspective.	
3	We have quoted for all the items in Financial Bid in the prescribed format of the tender documents.	
4	We have read the financial bid thoroughly before filling it and understood the same in right perspective	
5	We understood that partial/incomplete/vague offers are liable for rejection.	
6	We have understood the eligibility criteria as well as criteria for identifying lowest bidder.	
7	There are deviations from our (agency) side.	
8	Deviations have been mentioned on separate page and attached with technical bid in detail. Deviation is supported with necessary documents, catalogues etc.	
9	We have noted that accepting or rejecting the deviation and consequently rights to qualify and disqualify the agency remains with competent authority of ACTREC.	
10	We understood that bill will be settled as per the actual work done and excess quantity if any will be taken back by us.	
11	We have understood and accepted that accepting the tender & issuing order in full or in part will be decided by the ACTREC competent authority as per policy of the center.	
12	We have confirm that in case of any problem arise with make mentioned by us in the technical bid, if not available in the market at the time of execution we shall provide other equivalent mentioned in the tender without any additional cost.	
13	We will provide 1 year warranty for system	



## TATA MEMORIAL CENTRE ADVANCED CENTRE FOR TREATMENT RESEARCH AND EDUCATION IN CANCER

A GRANT-IN-AID INSTITUTE UNDER DEPARTMENT OF ATOMIC ENERGY, GOVERNMENT OF INDIA

#### FORM-B1

Tender No:	TMC/ACTREC/ENGG/VLK/ET- 02/EPABX System/RRU Building/2021	
Tender	Supply,Installation, Testing and Commissioning of EPABX system for RRU building at	
Name:	ACTREC Kharghar, Navi Mumbai.	
Name of the		
Vendor		
	To be printed & executed on Letter head of the CA	
	Form "B-1" FORM FOR CERTIFICATE OF NET WORTH FROM CHARTERED ACCOUNTANT.	
" it is to certif	tha as per the audited balance sheet and profit & Loss account during the financial year, the	
Net Worth of	M/s(Name & registered Address of	
	n/company), as on (the relavant date) is RS.	
	after considring all liabilities. It is further certified that the Net Worth of the company has not	
eroded by mo	re than 30 % in the last three years ending on (the relavant date)."	
	Signature of Chartered Accountant.	
	Name of Chartered Accountant.	
	<del></del>	
	Membership No. of ICAI	
	Membership No. of ICAI	
	Date and Seal.	



## ADVANCED CENTRE FOR TREATMENT RESEARCH AND EDUCATION IN CANCER (ACTREC). A GRANT-IN-AID INSTITUTE UNDER DEPARTMENT OF ATOMIC ENERGY, GOVERNMENT OF INDIA

CHARLES OF ACIDE CHARLE OF THE COLUMN	
Tender No:	TMC/ACTREC/ENGG/VLK/ET- 02/EPABX System/RRU Building/2021
Tender Name:	Supply,Installation, Testing and Commissioning of EPABX system for RRU building at ACTREC Kharghar, Navi Mumbai.
NI	
Name of the	
Vendor	
VCIIGOI	FORM OF BID SECURITY DECLARATION (EMD)
	DECLARATION SHOULD BE ON <b>LETTER</b> HEAD <b>WITH</b> SIGNATURE AND SEAL OF COMPETENT AUTHORITY
	Date:
	Tender No.
	I/we have gone through the tendering conditions pertaining to the Tender and General Conditions of Contract, Special Conditions of Contract and Additional Conditions of Contract, if any
	We, the undersigned, declare that: We understand that, according to your conditions, bids must be supported by a Bid-Securing Declaration
	We accept that we will automatically be suspended from being eligible for bidding in any contract for the period of time of 3 years , if we are in breach of our obligation(s) under the bid conditions, because we:
	<ul><li>(a) have withdrawn our Bid during the period of bid validity specified in the tender; or</li><li>(b) having been notified of the acceptance of our Bid during the period of bid validity,</li><li>(i) fail or refuse to execute the Contract, if required, or</li><li>(ii) fail or refuse to furnish the Performance Security</li></ul>
	Purchaser will be at liberty to accept anyone or more of the items of stores offered by us and I/We shall be bound to supply the stores as may be specified in the purchase order / contrac
	We understand this Bid-Securing Declaration shall expire if we are not the successful Bidder, upon the earlier of (i) our Feceipt of your notification to us of the name of the successful Bidder; or (ii) twenty-eight days after the expiration of our Bid.
	Signed:
	Name
	Duly authorized to sign the bid for and on behalf of
	Dated on day of Corporate Seal (where appropriate)

Note'. In case of a Joint Venture, the Bid-Securing Declaration must be in the name of all partners to the Joint Venture that submits the bid.]



### TATA MEMORIAL CENTRE ADVANCED CENTRE FOR TREATMENT RESEARCH AND EDUCATION IN CANCER (ACTREC).

A GRANT-IN-AID INSTITUTE UNDER DEPARTMENT OF ATOMIC ENERGY, GOVERNMENT OF INDIA

Tender No:	TMC/ACTREC/ENGG/VLK/ET- 02/EPABX System/RRU Building/2021
Tender Name:	Supply,Installation, Testing and Commissioning of EPABX system for RRU building at ACTREC Kharghar, Navi Mumbai.
Name of	
the	
Vendor	

#### **Annexure Q**

To be printed & executed on Letter head of the bidder

To,

The Director, ACTREC.

Tata Memorial Centre.

Dear Sir,

"I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India; I certify that this bidder is not from such a country or, if from such a country, has been registered with the Competent Authority. I hereby certify that this bidder fulfills all requirements in this regard and is eligible to be considered. [Where applicable, evidence of valid registration by the Competent Authority shall be attached.]"

Yours faithfully Bidder Sign and stamp

