Government eProcurement System

eProcurement System Government of India

Tender Details

Date : 20-Nov-2026 03:54 PM

Print

Basic Details

Organisation Chain	Department of Atomic Energy||Tata Institute of Fundamental Research-Colaba-Mumbai-Purchase Dept-TIFR-DAE||NCRA(Pune)-TIFR-DAE		
Tender Reference Number	NCRA WF099 CPPP 2026-27		
Tender ID	2026_DAE_935152_1	**Withdrawal Allowed**	Yes
Tender Type	Open Tender	**Form of contract**	Works
Tender Category	Works	**No. of Covers**	2
General Technical Evaluation Allowed	No	**ItemWise Technical Evaluation Allowed**	No
Payment Mode	Offline	**Is Multi Currency Allowed For BOQ**	No
Is Multi Currency Allowed For Fee	No	**Allow Two Stage Bidding**	No

Payment Instruments

Offline	S.No	Instrument Type
	1	Direct Credit
	2	Personal Cheques
	3	Demand Draft
	4	R-T-G-S
	5	FDR
	6	ECS
	7	NEFT
	8	Bankers Cheque
	9	Bank Guarantee
	10	LOC

Cover Details, No. Of Covers - 2

Cover No	Cover	Document Type	Description
1	Fee/PreQual/ Technical	.pdf	Tender Document for Providing Tech Assist Elect Dept
2	Finance	.xls	PRICE BID / BOQ

Tender Fee Details, [Total Fee in ₹ * - 0.00]

Tender Fee in ₹	0.00		
Fee Payable To	Nil	**Fee Payable At**	Nil
Tender Fee Exemption Allowed	No		

EMD Fee Details

EMD Amount in ₹	60,000	**EMD Exemption Allowed**	No
EMD Fee Type	fixed	**EMD Percentage**	NA
EMD Payable To	NCRA TIFR Pune	**EMD Payable At**	PUNE

Click to view modification history

Work /Item(s)

Title	Providing Technical Assistance for Operation and Maintenance of Electrical Systems and Equipment at GMRT				
Work Description	Providing Technical Assistance for Operation and Maintenance of Electrical Systems and Equipment at GMRT				
Pre Qualification Details	As per tender document.				
Independent External Monitor/Remarks	NA				
Show Tender Value in Public Domain	Yes				
Tender Value in ₹	30,00,000	**Product Category**	Job Works	**Sub category**	NA
Contract Type	Tender	**Bid Validity(Days)**	150	**Period Of Work(Days)**	365
Location	GMRT KHODAD	**Pincode**	410504	**Pre Bid Meeting Place**	GMRT Khodad
Pre Bid Meeting Address	GMRT Khodad, Tal Junnar, Dist Pune	**Pre Bid Meeting Date**	30-Nov-2026 11:30 AM	**Bid Opening Place**	NCRA Pune
Should Allow NDA Tender	No	**Allow Preferential Bidder**	No		

Allow FTA Bidder	No
Tenderer Class	As per Tender Document

Critical Dates

Publish Date	20-Nov-2026 05:00 PM	**Bid Opening Date**	15-Dec-2026 05:30 PM
Document Download / Sale Start Date	20-Nov-2026 05:05 PM	**Document Download / Sale End Date**	14-Dec-2026 05:00 PM
Clarification Start Date	20-Nov-2026 05:10 PM	**Clarification End Date**	27-Nov-2026 03:00 PM
Bid Submission Start Date	20-Nov-2026 05:30 PM	**Bid Submission End Date**	14-Dec-2026 05:00 PM

Tender Documents

NIT Document

S.No	Document Name	Description	Document Size (in KB)
1	Tendernotice_1.pdf	Providing Technical Assistance for Operation and Maintenance of Electrical Systems and Equipment at GMRT	1628.03

Work Item Documents

S.No	Document Type	Document Name	Description	Document Size (in KB)
1	BOQ	BOQ_982686.xls	PRICE BID / BOQ	334.50

Bid Openers List

S.No	Bid Opener Login Id	Bid Opener Name	Certificate Name
1.	sangle@ncra.tifr.res.in	bipin sangle	BIPIN SURESH SANGLE
2.	gajendran@ncra.tifr.res.in	G. Gajendran	GAJENDRAN GANESHAN
3.	smk@ncra.tifr.res.in	S.M. Kulkarni	SANDIP MADHUKAR KULKARNI

Tender Properties

Auto Tendering Process allowed	No	**Show Technical bid status**	Yes
Show Finance bid status	Yes	**Stage to disclose Bid Details in Public Domain**	Technical Bid Opening
BoQ Comparative Chart model	Normal	**BoQ Compartive chart decimal places**	2
BoQ Comparative Chart Rank Type	L	**Form Based BoQ**	No

TIA Undertaking

S.No	Undertaking to Order	Tender complying with Order	Reason for non compliance of Order
1	PPP-MII Order 2017	Not Applicable	Not applicable - work contract
2	MSEs Order 2012	Not Applicable	Not applicable - work contract

Tender Inviting Authority

Name	Centre Director, NCRA-TIFR
Address	NCRA-TIFR, Pune

Tender Creator Details

Created By	G. Gajendran
Designation	AAC
Created Date	20-Nov-2026 01:50 PM

राष्ट्रीय रेडियो खगोलभौतिकी केंद्र
National Centre for Radio Astrophysics
टाटा मूलभूत अनुसंधान संस्थान
Tata Institute of Fundamental Research
NCRA • TIFR
गणेशखिंड डाकघर, सावित्रीबाई फुले पुणे विश्वविद्यालय परिसर, पुणे- 411007, महाराष्ट्र, दूरभाष : 020-2571-9000/9111
Ganeshkhind PO, Savitribai Phule Pune University Campus, Pune -411007, Maharashtra, Phone: 020-2571-9000/9111
ई-मेल / E.mail : purchase@ncra.tifr.res.in वेबसाइट/Website: www.ncra.tifr.res.in

ई-निविदा सूचना / E-TENDER NOTICE

जीएमआरटी, खोड़द, पुणे में इलेक्ट्रिकल समूह के अधीन विभिन्न प्रणालियों/ढांचों/विद्युत उपकरणों, DG सेट, UPS और AC मशीनों के दैनिक संचालन, रखरखाव और देखरेख के लिए तकनीकी सहायता प्रदान करने के लिए निविदा दस्तावेज।

Tender Document for Providing technical assistance for the day-to-day operation, maintenance and upkeep of the various systems/ structures/ electrical equipment/s, DG Sets, UPS's, AC machines under the Electrical group at GMRT Khodad, Dist-Pune

E-TENDER No: NCRA:WF099:CPPP:2026-27



टाटा मूलभूत अनुसंधान संस्थान का राष्ट्रीय रेडियो खगोलभौतिकी केंद्र, भारत सरकार के परमाणु ऊर्जा विभाग के प्रशासनिक नियंत्रण में एक संस्थान है। यह सावित्रीबाई फुले पुणे विश्वविद्यालय परिसर, पुणे में स्थित है एवं रेडियो खगोलभौतिकी के क्षेत्र में अनुसंधान में संलग्न है। एनसीआरए ने नारायणगांव, तालुका-जुन्नार, जिला-पुणे के पास खोडद में विशाल मीटरवेव रेडियो टेलीस्कोप (जीएमआरटी) का निर्माण किया है जो जीएमआरटी एवं ऊटी रेडियो टेलीस्कोप (ओआरटी), उदगमंडलम दोनों का संचालन करता है।

The National Centre for Radio Astrophysics (NCRA) of the Tata Institute of Fundamental Research (TIFR) is an Institute under the administrative control of the Department of Atomic Energy, Govt. of India, located in the Savitribai Phule Pune University Campus, Pune and is engaged in research in the field of radio astrophysics. NCRA has built the Giant Metrewave Radio Telescope (GMRT) at Khodad near Narayangaon, Taluka-Junnar, District-Pune operates both GMRT and Ooty Radio Telescope (ORT), Udhagamandalam.

Stamp and Signature of the Bidder

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Stamp and Signature of the Bidder

PART-A	NOTICE INVITING TENDER

Online bids under the Two-bid System are invited on behalf of the Centre Director, NCRA-TIFR, Pune, for providing technical assistance for the day-to-day Operation & Maintenance of the various systems/structures under the Electrical group at NCRA-TIFR, Pune, Maharashtra. The details of the tender, including the scope of work etc are given in this tender document. All the prospective bidders are requested to go through the tender document before submitting their bids.

निविदा सं. / Tender No.	**:**	**NCRA:WF099:CPPP:2026-27**
कार्य / सेवा / आपूर्ति का नाम Name of Work / Service / Supply	**:**	**Tender Document for Providing technical assistance for the day-to-day operation, maintenance and upkeep of the various systems/ structures/ electrical equipment/s, DG Sets, UPS's, AC machines under the Electrical group at GMRT Khodad, Dist-Pune**
कार्य / सेवा / आपूर्ति की अनुमानित लागत Estimated Cost of Work / Service / Supply	**:**	**Rs. 30,00,000 (**Rs.Thirty lacs Only) **(including GST)**
आपूर्ति/कार्य/ सेवा का स्थान Location of supply/ work/ service	**:**	Giant Metrewave Radio Telescope (GMRT) Village - Khodad, Near Narayangaon Tal. - Junnar, Distt. - Pune 410504.
निविदा दस्तावेजों का ऑनलाइन डाउनलोड Online download of Tender documents	**:**	From **20.11.2026 to 14.12.2026** upto 1700 hrs Tender documents can be downloaded from the NCRA website: www.ncra.tifr.res.in under public Tenders or CPP portal https://eprocure.gov.in.
जमानत राशि Earnest Money Deposit	**:**	EMD of **Rs. 60,000/-** (Rs.Sixty thousand only)
प्रदर्शन गारंटी / Performance Guarantee		5 % of contract value
बोली के पहले बैठक / Pre-bid meeting	**:**	NCRA-TIFR shall conduct a pre-bid meeting to discuss and clarify any issues or queries relating to this tender. The meeting is scheduled to be held on 30.11.2026 at 1130 hrs. at GMRT, Khodad. Prospective bidders are requested to submit their pre-bid queries by email to purchase@ncra.tifr.res.in, with the subject line "Pre-bid Query for Providing Technical Assistance". All queries for clarification must be submitted in writing to the Purchase Department at the above email address on or before 27.11.2026 at 1700 hrs. This will enable NCRA-TIFR to review the queries in advance and address them effectively during the pre-bid meeting. Please note that only queries submitted in writing within the stipulated timeline will be considered and addressed.
निविदा दस्तावेज में संशोधनों की अधिसूचना Notification of amendments to the tender document	**:**	If any modification is required, a suitable amendment to this tender document will be issued and will form part of the tender document. Prospective bidders are advised to visit the NCRA-TIFR website or the CPP portal regularly. Corrigendum/amendments etc., if any, will be notified only on the NCRA-TIFR website/CPP portal and no separate advertisement will be issued for this.

Stamp and Signature of the Bidder

बोलियां प्रस्तुत करना Submission of Bids	:	The bids are required to be submitted online on the CPP portal i.e http://eprocure.gov.in under the Two bid system. The Technical bid and Price bid are required to be uploaded separately on the portal.
ऑनलाइन बोली प्रस्तुत करने के लिए वेबसाइट Website for Online Bid Submission	:	https://eprocure.gov.in
बोलियां ऑनलाइन जमा करने की अंतिम तिथि और समय Last date and time for online submission of bids	:	14.12.2026 upto 1700 hrs (Bid Due Date)
निविदा खोलने की तिथि एवं समय Date and time of opening of tender	:	15.12.2026 at 1730 hrs (Technical Bid Only)
कार्य पूरा करने की अवधि **Period for completion of work**	:	The entire work is to be completed within one year from the date of issue of the work order

कृपया ध्यान दें कि इस निविदा के लिए केवल ऑनलाइन बोली ही स्वीकार की जाएंगी। इसके साथ ही स्थगन के लिए कोई अनुरोध स्वीकार नहीं किया जाएगा। डाक/फैक्स/ईमेल के माध्यम से भेजी गई बोलियां तुरंत अस्वीकृत कर दी जाएंगी। एनसीआरए-टीआईएफआर, पुणे के केंद्र निदेशक को किसी भी या सभी निविदाओं को आंशिक रूप से या पूर्ण रूप से स्वीकार या अस्वीकार करने का अधिकार है, इसके लिए कोई कारण बताना आवश्यक नहीं होगा।

Kindly note that only online bids will be considered against this tender. Further, requests for postponement will not be entertained. Bids sent by post/Fax/email shall be rejected straightaway. The Centre Director, NCRA-TIFR, Pune reserves the right to accept/ reject any or all tenders either in part or in full without assigning any reasons thereof.

प्रशासनिक अधिकारी- सी (P&S)
एनसीआरए-टीआईएफआर, पुणे
Administrative Officer-C (P&S)
NCRA-TIFR, Pune

Note:

1) In case of any clarification with regard to the submission of bids, please contact:
   Purchase Department
   NCRA-TIFR, Pune
   Tel: 020 - 2571 9276 / 9266 / 9206

   For any technical clarifications, you may also contact:

   Shri B.S.Patil, Group Coordinator, Electrical
   Tel: 020 - 2571 9204; +91 2132 258304
   Email: balaso@gmrt.ncra.tifr.res.in

2) The bidders are advised to read the "Guidelines to bidders on CPPP's e-procurement module" available at the end of this tender document before submitting their bids.

Stamp and Signature of the Bidder

A) General Instructions:

1. The Prospective bidder shall carefully examine and understand the specifications/conditions of the tender document and seek clarifications in writing, if required, to ensure that they have understood all specifications/conditions of the tender. These clarifications should be sought before submission of bids. If no such clarifications are sought in writing, it will be taken that the Bidder has read, understood and accepted all the terms, conditions and specifications in the tender document.

2. The Bidder is required to upload a copy of this tender document, with all pages signed by the authorised person, to confirm that the Bidder has read and understood the conditions of this tender document and that the proposal is submitted in full understanding and agreement of the requirements of GMRT Khodad under -NCRA-TIFR.

3. The Bidder shall bear all costs associated with the preparation and submission of the Bid, and GMRT Khodad under NCRA-TIFR will in no case be responsible for those costs, regardless of the conduct or outcome of the bidding process.

4. NCRA-TIFR reserves its rights to amend any of the terms and conditions of the tender document. All such changes can be made up to one week before the last date of submission of the bid. The notice of such amendment will be published on the NCRA/CPPP website only. No separate advertisement will be issued in the newspapers for such changes/corrigenda. All the prospective bidders are therefore requested to regularly visit the NCRA/CPPP website for any such updates.

5. The complete bid shall be online as per the specified formats only. The bids should be without alteration or erasures, except those to accord with instructions issued by the NCRA-TIFR or as necessary to correct errors made by the bidder, in which case such corrections shall be initialed by the person or persons signing the bid.

6. The bidder shall submit only one option, which is best suitable to meet NCRA-TIFR requirements. The bids submitted with more options shall be liable to be rejected.

7. The Bid prepared by the Bidder, as well as all correspondence and documents relating to the Bid exchanged by the Bidder and NCRA-TIFR, shall be in English only.

8. Wherever a specific form is prescribed in the Bid document, the Bidder shall use the form to provide relevant information. If the form does not provide space for any required information, space at the end of the form or additional sheets shall be used to convey the said information. For all other cases, the Bidder shall design a form to hold the required information.

9. The Bidder shall explicitly indicate the non-compliance or deviation of the Solution offered in the Proposal to all the terms, clauses, conditions and specifications stipulated in this tender document. If non-compliance or deviation for any term, clause, condition or specification is not explicitly indicated, it will be construed as compliance and if successful in the bid, the bidder is obligated to comply with all the requirements (excluding those non-compliances explicitly accepted by NCRA-TIFR in writing) in toto.

10. Successful bidder shall perform all the obligations specified in accordance with the terms and conditions laid down in the tender document. All details provided by the Bidder should be specific to the requirements specified in this tender document. Detailed clarification may be provided by the Bidder if so desired by NCRA-TIFR. The Bidder shall specify the responsibilities of NCRA-TIFR, if any, separately for the successful implementation of the project.

Stamp and Signature of the Bidder

Bidder shall ensure that all documents are uploaded with the Technical bid.

B) Earnest Money Deposit (EMD)

The Earnest Money Deposit (EMD) will be accepted only in the form of Insurance Safety Bonds, Account Payee Demand Draft (in Favour of TIFR payable at Pune), Fixed Deposit Receipt (any one) from any Nationalised Bank / Scheduled Bank or payment online in an acceptable form, safeguarding the purchaser's interest in all respects for the following purpose (Drawn in favour of Centre Director, NCRA-TIFR, Pune).

	Earnest Money Deposit (EMD) **(To be enclosed with Technical Bid-Part I)**
In Figure	**Rs. 60,000/-**
In Words	**Rupees sixty thousand Only**

Tenders submitted without the requisite amount of Earnest Money Deposit (EMD) shall be rejected and their commercial bids shall not be opened. No interest is payable on EMD.

The EMD will be returned to the bidder (s) whose offer is not accepted by NCRA-TIFR within one month from the date of the placing of the final order(s) to the selected bidder(s).

The Earnest Money Deposit will be forfeited: **If a bidder withdraws the bid during the period of bid validity specified in the tender OR fails to furnish a Performance Guarantee within the stipulated time period mentioned in the tender document**

Bank Details for online payment: -

Bank A/c Name : TIFR
Name of Bank : Bank of India
Branch : Pashan Road, Pune
Bank A/c No : 051620110000508
IFSC code : BKID0000516

Bidder has to upload a scanned copy/proof of the DD/FDR/BC/BG towards EMD along with the bid and has to ensure delivery of a hard copy directly to the NCRA-TIFR Pune within 5 days of the Bid End date, failing which the bid may be treated as incomplete & may lead to rejection of the bid by NCRA-TIFR Pune without making any reference to the seller.

Bidder to indicate bid number and name of bidding entity in the transaction details field at the time of online transfer. The bidder has to upload a scanned copy/proof of the Online Payment Transfer along with the technical bid (Part-I).

C) Performance Guarantee

Performance Guarantee to be furnished by the successful bidder for satisfactory performance of the contract. "Satisfactory performance of the contract here means satisfactory completion of work in respect of works/services.

Stamp and Signature of the Bidder

a. *Quantum of Performance Guarantee*

Performance Guarantee of 5% of total order value, including all taxes, duties etc**.**

The successful bidder shall deposit an amount equal to **5%** of the value of the work including taxes as a Performance Guarantee within **21 days** of the award of work, valid till completion of work, plus two months for proper fulfilment of the Contract.

In case the Performance Guarantee is not submitted within **21 days, interest @ 12% per annum** will be levied till the date you submit the Performance Guarantee.

If the successful bidder fails to submit the Performance Guarantee / Performance Guarantee with interest or refuses to submit the Performance Guarantee even after reminders, Centre reserves the right to cancel the order without notice and such bidder will be debarred from participating in any tender for a period of **one year and their EMD will be forfeited.**

b. *Forms in which Performance Guarantee can be submitted*

Performance Guarantee should be in the form of a Demand Draft in favour of TIFR, Pune OR a Fixed Deposit Receipt (FDR) pledged in favour of TIFR, Pune OR a Bank Guarantee (BG) in favour of the Centre Director, NCRA-TIFR, Pune as per the prescribed format. The Bank Guarantee should be from any one of the nationalised banks or a Scheduled Bank and to be executed on non-judicial stamp paper of appropriate value. The Bank Guarantee should be valid upto at least 2 months beyond the contractual date for completion of the order.

c. *Refund of Performance Guarantee*

Performance Guarantee shall be released/returned to the contractor after the completion of the work/contract period + 2 months without any interest.

d. *Forfeiture of Performance Guarantee*

Performance Guarantee is taken for the due performance of the Contract and can be forfeited in the event of a breach of contract.

Bank Guarantee / Fixed Deposit Receipt obtained towards Performance Guarantee will be invoked when there is a specific breach on the part of the Contractor.

D) Defect Liability Period: 2 months after completion of the entire work. The contractor shall maintain the work in such a manner that on expiry of the period of maintenance, the work shall be as good and perfect in order and condition as that in which it was at the commencement of the period of maintenance. The contractor shall at his own expenses repair, rectify and make good to the satisfaction of the Engineer, all defects, imperfections or other faults arising from or out of use of material or workmanship not in accordance with the provisions of the contract.

E) Acceptance of Tender: The competent authority, on behalf of Centre Director, National Centre for Radio Astrophysics (NCRA)-Tata Institute of Fundamental Research (TIFR), Pune, does not bind himself to accept the lowest or any other tender, and reserves to himself the authority to reject any or all the tenders received, without assignment of any reason. All tenders, in which any of the prescribed conditions is not fulfilled or any condition, including that of conditional rebates, is put forth by the tenderer, shall be summarily rejected.

The Competent Authority, on behalf of the National Centre for Radio Astrophysics (NCRA), Tata Institute of Fundamental Research (TIFR), Pune, reserves to itself the right of accepting the whole or any part of the tender and the bidder shall be bound to perform the same at the rates quoted. The officer inviting tenders shall have the right to reject all or any of the tenders and will not be bound to accept the lowest tender or any other tender.

Stamp and Signature of the Bidder

F) **Validity of Tender:** The tender for the services shall remain open for acceptance for a period of **150 days** from the last date of submission of tenders. If any bidder withdraws his tender before the said period, or before issue of Letter of Acceptance, whichever is earlier, or makes any modifications in the terms and conditions of the tender which are not acceptable to the Centre, then National Centre for Radio Astrophysics (NCRA)- Tata Institute of Fundamental Research (TIFR), Pune shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money absolutely. Further, the bidder shall not be allowed to participate in the retendering process of the work.

G) **Levy / Taxes payable by contractor:** GST @18% on materials and services in respect of this contract shall be payable by the contractor.

H) **Deduction of Income Tax & GST TDS :** Income Tax and GST TDS shall be deducted from the payments, wherever applicable, in accordance with the relevant provisions of the Acts, Rules and Government Notifications in force from time to time. A certificate for the income tax deducted shall be issued by the Department.

I) **Site visit by the bidder before tendering:** Bidders are advised to inspect and examine the site and its surroundings during working hours and satisfy themselves before submitting their tenders as to the nature of the, the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their tender. Site visit certificate in the prescribed format must be submitted along with technical bid, failing which their bid shall not be considered for further processing.

J) **Signing of Tender and receipts for payments:** In the event of the tender being submitted by a firm, it must be signed separately by each partner thereof or in the event of the absence of any partner, it must be signed on his behalf by a person holding a power-of-attorney authorizing him to do so, such power of attorney to be produced with the tender, and it must disclose that the firm is duly registered under the Indian Partnership Act-1952. Receipts for payments made on account of work, when executed by a firm, must also be signed by all the partners, except where contractors are described in their tender as a firm, in which case the receipts must be signed in the name of the firm by one of the partners, or by some other person having due authority to give effectual receipts for the firm.

K) **Bidder's responsibilities:** The bidder shall be responsible for arranging and maintaining at his own cost to facilitate his workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a tender by a bidder implies that he has read this notice & all other contract documents, and has made himself aware of the scope & specifications of the work to be done and local conditions and factors having a bearing on the execution of the work. Electricity and necessary tools, tackle and PPE Kits shall be provided for the work by NCRA-TIFR free of charge.

Stamp and Signature of the Bidder

L) **Canvassing,** either directly or indirectly, in connection with the tenders is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable to rejection and may be barred from future participation in NCRA-TIFR works.

Administrative Officer-C (P&S)
NCRA-TIFR, Pune

Stamp and Signature of the Bidder

The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal. More information useful for submitting online bids on the CPP Portal may be obtained at: https://eprocure.gov.in/eprocure/app.

REGISTRATION

1) Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL: https://eprocure.gov.in/eprocure/app) by clicking on the link "**Online bidder Enrolment**" on the CPP Portal which is free of charge.

2) As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.

3) Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.

4) Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / nCode / eMudhra etc.), with their profile.

5) Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC's to others which may lead to misuse.

6) Bidder then logs in to the site through the secured log-in by entering their user ID / password and the password of the DSC / e-Token.

SEARCHING FOR TENDER (RFP) DOCUMENTS

1) There are various search options built in the CPP Portal, to facilitate bidders to search active Tenders (RFP) by several parameters. These parameters could include Tender (RFP) ID, Organization Name, Location, Date, Value, etc. There is also an option of advanced search for Tenders (RFP), wherein the bidders may combine a number of search parameters such as Organization Name, Form of Contract, Location, Date, Other keywords etc. to search for a Tender (RFP) published on the CPP Portal.

2) Once the bidders have selected the Tenders (RFP) they are interested in, they may download the required documents / Tender (RFP) schedules. These Tenders (RFP) can be moved to the respective 'My Tenders' folder. This would enable the CPP Portal to intimate the bidders through SMS / e-mail in case there is any corrigendum issued to the Tender (RFP) document.

3) The bidder should make a note of the unique Tender (RFP) ID assigned to each Tender (RFP), in case they want to obtain any clarification / help from the Helpdesk.

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PREPARATION OF BIDS

1) Bidder should take into account any corrigendum published on the Tender (RFP) document before submitting their bids.

2) Please go through the Tender (RFP) advertisement and the Tender (RFP) document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.

3) Bidder, in advance, should get ready the bid documents to be submitted as indicated in the Tender (RFP) document / schedule and they can be in PDF / XLS formats, as the case may be. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.

4) To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use "My Space" or ''Other Important Documents'' area available to them to upload such documents. These documents may be directly submitted from the "My Space" area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

Note: *My Documents space is only a repository given to the Bidders to ease the uploading process. If Bidder has uploaded his Documents in My Documents space, this does not automatically ensure these Documents being part of Technical Bid.*

SUBMISSION OF BIDS

1) Bidder should log into the site well in advance for bid submission so that they can upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.

2) The bidder has to sign and upload the required bid documents one by one as indicated in the Tender (RFP) document.

3) Bidder has to select the payment option as "offline" to pay the Tender (RFP) fee / EMD as applicable and enter details of the instrument.

4) Bidder should prepare the EMD as per the instructions specified in the Tender (RFP) document. The original should be posted/couriered/given in person to the concerned official, latest by the last date of bid submission or as specified in the Tender (RFP) documents. The details of the DD/any other accepted instrument, physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise the uploaded bid will be rejected.

5) Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BoQ format with the Tender (RFP) document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BoQ file, open it and complete the white coloured (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BoQ file is found to be modified by the bidder, the bid will be rejected.

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6) The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.

7) All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128 bit encryption technology. Data storage encryption of sensitive fields is done. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid opener's public keys. Overall, the uploaded Tender (RFP) documents become readable only after the Tender (RFP) opening by the authorized bid openers. The uploaded Tender (RFP) documents become readable only after the Tender (RFP) opening by the authorized bid openers.

8) Upon the successful and timely submission of bids (i.e. after Clicking "Freeze Bid Submission" in the portal), the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.

9) The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.

ASSISTANCE TO BIDDERS

1) Any queries relating to the Tender (RFP) document and the terms and conditions contained therein should be addressed to the Tender (RFP) Inviting Authority for a Tender (RFP) or the relevant contact person indicated in the Tender (RFP).

2) Any queries relating to the process of online bid submission or queries relating to the CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk.

+91 0120-4711508
+91 0120-4200462
+91 0120-4001002
+91 0120-4001005

NOTE:

The Bidder shall ensure that all scanned / soft copies of documents, duly signed and sealed, are uploaded with the Technical Bid. Please do not mention any prices, costs, financial values etc. in the Technical Bid document; otherwise, the bid will be summarily rejected. Technical Bid shall include, inter alia, the original or scanned copies of duly signed or digitally signed copies of the requisite documents in PDF format. PDF documents should not be password-protected. The bidder should ensure the clarity/ legibility of the scanned documents uploaded by them. No price details should be given or hinted at in the technical bid. All Bids uploaded by the Bidder to the portal shall get automatically encrypted. The encrypted bid can only be decrypted/ opened by the authorised persons on or after the due date and time. The Bidder should ensure the correctness of the bid before uploading and take a printout of the system-generated submission summary to confirm successful bid upload.

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PART-C	PRE-QUALIFICATION CRITERIA

All the documents pertaining to the pre-qualification criteria need to be uploaded along with the technical bid on the CPP Portal. The bids which are found not to meet any or all the conditions shall be declared technically disqualified and will not be eligible for the opening of their financial bids.

PRE-QUALIFICATION CRITERIA – to be filled as per the statement attached

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Sr. No.	Description
1	The bidder should have a functional office in Pune District.
2	Bidder must visit the site to know the exact scope of work, site conditions etc. and must be fully confi mentioned in the bid/tender and submit a certificate of site visit as per Annexure mentioned in the ten bid shall not be considered.
3	Bid must be valid for a minimum period of 150 days from the due date for submission of the bid.
4	The Bidder's company should be a Proprietary Firm / Partnership Firm / LLP / Private Limited Comp registered with the appropriate authority.
5	The average annual financial turnover of the bidder during the last three years ending on 31.03.2026 s Lakhs Only) as per the audited balance sheet and profit & loss account of the relevant period, duly au Accountant/ Cost Accountant.
6	Bidders must have Experience of **Similar works** of having successfully completed at least during last 7 ye
	One similar work completed costing not less than 80 % of tender value **or**
	Two similar works completed costing not less than 50 % of tender value each; **Or**
	Three similar works completed costing not less than 40 % of tender value;
	a) The value of executed works shall be brought to current costing level by enhancing the actual value of work a calculated from the date of completion to the last date of receipt of applications for tender. b) Copies of work orders together with completion certificates duly signed by the competent authority to be sul fail.
7	The Bidders should not have been indicted for any criminal, fraudulent or corruption activity, blacklis Govt./Semi Govt./ PSU/ Autonomous body.
8	The bidder should submit the Acceptance of the tender terms and conditions
9	The bidder should submit the Certificate of Compliance
10	The Bidder must submit a Solvency Certificate from a nationalised/scheduled commercial bank, issue minimum amount of Rs. 12 Lacs from their bank.
11	The bidders must possess a registration under the ESI Act 1948, EPF & MP Act 1952 and Contract La Act, 1970 with the appropriate authorities.

NOTE: KINDLY FILL UP THE ABOVE DETAILS AND ENCLOSE THE RELEVANT DOCUMENT ALONG W

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A. DEFINITIONS:

a) The '**Contract'** means the documents forming the tender and acceptance thereof and the formal agreement executed between the Competent authority on behalf of the Centre Director, NCRA-TIFR and the Contractor together with the documents referred to therein including these conditions, the specifications, designs, drawings and instructions issued from time to time by the Engineer-in-charge and all these documents taken together, shall be deemed to form one contract and shall be complementary to one another.

b) The expression **'Works'** or **'Work'** shall, unless there be something either in the subject or context repugnant to such construction, be construed and taken to mean the works by or by virtue of the contract contracted to be executed, whether temporary or permanent and whether original, altered, substituted or additional.

c) The **'Site'** shall mean the land or other places on, into or through which work is to be executed under the contract or any adjacent land, path or street through which work is to be executed under the contract or any adjacent land, path or street which may be allotted or used for the purpose of carrying out the contract.

d) The **'Contractor'** shall mean the individual, firm or company, whether incorporated or not, undertaking the works and shall include the legal personnel representative of such individual or the persons composing such firm or company or the successors of such firm or company and the permitted assignees of such individual, firm or company.

e) The **'Group Coordinator'** means the Engineer / Officer, who shall supervise and be in charge of the work on behalf of GMRT Khodad.

f) **'Temporary Work'** means all temporary works of every kind required in or about the execution, completion and maintenance of the works.

g) **'Market Rate'** shall be the rate as decided by the Group Coordinator on the basis of the cost of materials and labour at the site where the work is to be executed plus 15% to cover all overheads and profits.

h) **'NCRA-TIFR' / 'Centre'** means National Centre for Radio Astrophysics - Tata Institute of Fundamental Research, Pune, State – Maharashtra.

i) **'GMRT'** means Giant Metrewave Radio Telescope (GMRT) situated at Narayangaon, Tal - Junnar Dist - Pune, State – Maharashtra.

j) **'Tendered Value'** means the value of the entire work as stipulated in the letter of award / acceptance.

k) **'Time Limit'** The time allowed for carrying out the work is reckoned from the 10th day of the date of issue of the work order OR from the date of handing over the site.

l) **'Similar Works'** Similar works refer to tasks, jobs or activities that have the same type or character. In other words, it describes work that is similar in terms of the skills and responsibilities involved in this tender document.

B. DECLARATION BY BIDDER: The tenderers shall sign a declaration under the Official Secrets Act 1923 for maintaining secrecy of the tender documents, drawings or other records connected with the work given to them. The unsuccessful tenderers shall return all the drawings given to them, if any.

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C. FILLING UP OF RATES: All rates shall be quoted on the tender form by the tenderers in figures and words. All rates shall be quoted on the prescribed tender form. The amount for each item should be worked out and the requisite totals given.

i. The rate(s) must be quoted in decimal coinage. Amounts must be quoted in full rupees by ignoring fifty paise and considering more than fifty paise as rupee one.

ii. If a discrepancy is found, the rates which correspond with the amount worked out by the contractor shall, unless otherwise proved, be taken as correct.

iii. If the amount of an item is not worked out by the tenderer, or it does not correspond with the rate written either in figures or in words, then the rates quoted by the bidder in words shall be taken as correct.

iv. Where the rate quoted by the bidder in figures and in words tally but the amount is not worked out correctly, the rate quoted by the bidder will, unless otherwise proved, be taken as correct and not the amount.

v. The Bidder shall bid for works in Indian Rupees. Each Bidder shall submit unit prices and total prices as per the schedule of quantities and rates. The price quoted shall include the total price of labour, EPF, supervision, and insurance for workers and taxes including GST, overhead and profits, together with all general risks, liabilities and obligations set forth or implied in the documents, on which the Tender is to be based.

The unit rates quoted shall remain firm throughout the period of the Contract and Escalation will not be applicable.

D. QUOTED RATES INCLUDE ALL TAXES: The rate quoted by the bidders in the price schedule shall be firm for the entire duration of the contract. The rate shall also include all elements of labour, supervision, Insurance, Transport up to the GMRT Khodad campus, Safety, Labour cess, GST, and profits together with all general risks, liabilities and obligations set forth or implied in the documents on which the tender is to be based. The quoted rate shall be inclusive of GST and shall be payable by the contractor and NCRA-TIFR will not entertain any claim whatsoever in this respect. Payment will be made on the basis of quantities actually measured, for the completed items of work, in accordance with the BOQ. For maintenance-related works, transport will be provided by GMRT Khodad.

E. ACTION IN CASE OF UNREALISTIC RATES: In the case of any tender where the unit rate of any item (s) appears unrealistic, such tender will be considered as unbalanced and in case the bidder is unable to provide a satisfactory explanation, such a tender is liable to be disqualified and rejected.

F. CONTRACTOR TO DEPUTE HIS REPRESENTATIVE AT THE SITE: The successful bidder for the work should have a responsible and responsive representative with adequate powers to take speedy decisions during the entire period of execution at the workplace. On acceptance of the work order, the name of the accredited representative(s) of the contractor, who would be responsible for taking instructions from the Group Coordinator, shall be communicated in writing to the Engr-in-Charge.

G. SAFETY RULES

Safety practices as followed at the GMRT Khodad site shall be binding on the contractor and the same can be obtained from the GMRT Khodad Administration. It is the contractor's responsibility

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to check that his workers are following safety procedures and as per instruction of the engineer.

H. REPORTING OF ACCIDENTS TO CONTRACTORS' WORKMEN

The contractor shall be solely responsible for any accident to his workers and should adhere to all rules/regulations as per the labour laws of the government and other statutory laws as applicable.

If any accident/incident / dangerous occurrences take place, the concerned contractor or his personnel should immediately inform the Administrative Officer-D, GMRT Khodad / Group Coordinator/his representative. The accident reporting procedure shall be followed promptly in all cases of accidents to workmen. As per section 10 of the Workmen's Compensation Act 1923, the contractor shall, within 7 days of the death or serious injury of a workman and a report should be sent to the labour commissioner giving the circumstances attending the death or serious bodily injury. (Serious bodily injury means permanent loss of any part of the body or fractures or those which enforces the worker to be absent for a period exceeding 20 days). The contractor shall send a report periodically about the status of the injured.

I. PAYMENT OF COMPENSATION FOR INJURED EMPLOYEES

The contractor shall comply with all statutory requirements, such as insurance coverage, workmen's compensation, so as to absolve the NCRA-TIFR of any and all liabilities in case of accidents. The contractor shall take all steps for the treatment of his injured employee to the satisfaction of the principal employer. After the injuries are cured, the Group Coordinator along with the GMRT Administrative officer will take a written statement of cure and receipt of compensation, if any, from the contractor, from the worker, in the presence of the contractor. If any claim from the contractor's workmen is pending for settlement, the payment due to the contractor from the department shall be withheld.

J. SECURITY RULES

The contractor shall follow all security rules at the site, as may be framed by the GMRT Khodad from time to time regarding material movement within the site and also to and from the site, issue of identity cards/photo pass, control of entry of personnel and all similar matters. The contractor and his personnel shall abide by all security measures imposed by the department or by a duly authorised representative from time to time. He shall obtain the latest police verification certificates for his staff and arrange a photo pass to his workers at his own cost in the manner prescribed by the department. While an entry permit is obtained from the security agencies by the contractor, it shall be noted that the permit must be applied for around-the-clock shift duty, if any.

K. ACCOMMODATION, FOOD ARRANGEMENTS

The department will not provide any type of accommodation for contract personnel. The contractor has to make his own arrangements for the accommodation of his personnel. The contractor shall also make his own arrangements for messing for his staff and workers. There is a canteen within the GMRT Khodad campus, which can be utilised during the duty period of the contract personnel at their own cost. In case, for some reason or the other if the canteen is closed, the contractor has to arrange food for his personnel at his own cost. In case, due to some reason, the shift operator is continuing the next shift, then it is the responsibility of the contractor to arrange food for the operator within a reasonable time.

L. LABOUR LICENCE

If mandatory as per the labour laws, the contractor should register himself under the Contract Labour Act, Workmen Compensation Act and PF Act and submit a copy of the registration certificate within one month from the date of commencement of work, failing which the contract is liable to be cancelled. The WC policy copy should be submitted to the department before

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commencement of work and a labour licence should be obtained within one week from the date of receipt of the Work Order. A copy of the labour licence shall be submitted to the Admin Section, GMRT Khodad.

The contractor will be responsible for compliance with all statutory rules, regulations, Act in force from time to time by the government, such as the Factory Act, Workmen's Compensation Act, Minimum Wages Payment Act, Provident Fund Act, Labour Law Act, in respect of employees engaged by him for the work and shall have to maintain necessary records. In case any amount becomes due to be payable by him to his employees or to the Government under the above rules, regulations, Acts, the department reserves the right to recover the same from the contractor and pay it to the concerned employee. Documentary evidence of the deposit of PF paid in the preceding month shall have to be produced by the contractor along with the monthly RA bill of the succeeding month.

Records as per the provisions of various statutory Acts will have to be maintained by the contractor and submitted as and when required to the department.

M. GOVERNMENT LABOUR LAWS

The contractors have to follow strictly the government labour acts, which are in force at present, including any amendments or additions that may be made by the government during the entire period covering the date of publication of the tender notice till the completion of the work covered by this contractor and all necessary arrangements for labour will have to be made by the contractor. The contractor should be registered with the concerned government authorities, i.e. Labour Commissioner, Provident Fund Authorities, Employees' State Insurance Corporation etc. and a copy of the registration should be submitted. The contractor shall take all risk insurance & group insurance policies to cover workmen, staff applicable under the Workmen's Compensation Act 1923 or any amendment thereof, also insurance cover for third party liability. Proof of all the above must be submitted to the Group Coordinator.

Contractor shall comply with various provisions of the Contract Labour (Regulation & Abolition) Act 1970 and Rules framed thereunder from time to time. Further, Contractor shall comply with various provisions of the Contract Labour (Regulation & Abolition) Act 1970, Workmen's Compensation Act 1923, Minimum Wages Act 1948, EPF Act and other labour laws as applicable to Contractor's organisation. In case, the department is required to incur any expenses as the principal employer under the provisions of the various laws, the department shall be entitled to recover the same from Contractor's Bills.

Regular inspections at the Contractor's site establishment will be conducted by the Labour Enforcement Officer (Central) and Labour Commissioner (Central) under the above enactments. During the inspection by the above officials, all records required by the officials (duly maintained up to date) must be submitted by the Contractor without fail.

Contractor shall comply with various EPF rules, Group Insurance, provisions of labour laws applicable to this type of services, especially compensation etc. Contractor is required to take Group Insurance in respect of all your workmen engaged for this work for the above period and documents in this regard should be submitted to the Engineer in charge before the start of work or submission of the First RA bill.

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N. MAN POWER

- Manpower required for completing each job is to be discussed and finalised between the contractor and Group co-ordinator. The contractor has to ensure that all the employees and workers employed by him are law-abiding citizens with clean records. Anti-social elements, rowdies and persons with adverse police records should not be employed. It is to be ensured by the contractor that the correct personal particulars and addresses, with telephone numbers, of all the employees and workers employed by the contractors and sub-contractors are available. A copy of the same must be submitted to the Administrative Officer (D), GMRT Khodad as well as the Group coordinator and must intimate any change in the information, time to time. No female labour shall be employed in dark/late hours. No person below the age of eighteen years shall be employed**.**
- The contractor shall be responsible for any act of indiscipline on the part of persons deployed by him.
- The contractor should submit a police verification certificate for the persons engaged.
- The contractor shall pay to each person, the wages not less than the wages as required under statutory regulations. All travel expenses of the workers to attend for the duty from their residence, lodging and other allowances payable shall be under the scope of the contractor.
- GMRT Khodad have the right to withdraw the work permit for any of the contractor's workmen for reasons of misconduct, incompetence in work, violation of security, safety and fire rules, negligence on duty etc. Under such situations, the contractor shall immediately replace with proper manpower.
- The manpower engaged by the contractor shall be paid their wages every month. In compliance with statutory regulation, there is no Master-Servant relationship between the employees of the contractor and the GMRT Khodad / NCRA-TIFR Pune. The contract personnel shall not claim any benefit/compensation/absorption/regularisation of services with the GMRT Khodad/NCRA-TIFR under the Contract Labour (Regulation and Abolition) Act, 1970. Undertaking from the person to this effect will be required to be submitted by the contractor to GMRT Khodad.
- The contractor must maintain a work register for the purpose, which shall be checked regularly by the Group coordinator of the work.

O. Sufficiency of Tender: The Contractor shall be deemed to have satisfied himself before tendering as to the correctness and sufficiency of his tender for the works and of the rates and prices quoted in the Bill of Quantities, at which rates and prices shall, except as otherwise provided, cover all his obligations under the Contract and all matters and things necessary for the proper completion and maintenance of the works.

P. The manpower provided by the contractor shall not be deemed employees of the GMRT Khodad/ NCRA / TIFR; hence, the compliance with the applicable acts/laws will be the sole responsibility of the contractor.

Q. The contractor shall be the "Employer" within the meaning of different Rules & Acts in respect of manpower so deployed. The persons deployed by the contractor shall not have any claim whatsoever like employer and employee relationship against the GMRT Khodad / NCRA-TIFR.

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R. The currently engaged technical labourers are being paid minimum wages in accordance with the Labour Bureau, Ministry of Labour & Employment, Govt. of India order is attached to this tender document.

S. The Order mentioned in the tender document is provided for reference purposes only, to assist bidders in determining the Basic wages and VDA payable as per the Labour Bureau.

T. In addition to the said Order, bidders are advised to consider all applicable statutory benefits payable to the workers engaged for carrying out the scope of work while preparing their bids.

U. Payments shall be made in accordance with the guidelines issued by the relevant labour law authorities, wherever applicable.

V. The bidders shall ensure full compliance with the applicable labour laws.

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1. TIME FOR COMPLETION OF WORK:

The entire work is to be completed within **one year** from the date of issue of the work order and handing over the site. The GMRT - NCRA TIFR may extend the contract for one more year or part thereof without any revision of rates, subject to satisfactory performance and periodic review.

2. COMPENSATION FOR DELAY / LIQUIDATED DAMAGES:

For all delays, which do not merit any extension of time, the Contractor/ Supplier shall attract **0.5% penalty per week** or part thereof, subject to a **maximum of 5% of the total contract value**. The amount of liquidated damages shall be recoverable from the payment due to the Contractor/Supplier. The deduction of liquidated damages shall not, however, absolve the Contractor/Supplier of his responsibility and obligations under the contract to complete the work in its entirety and shall also be without prejudice to action by the Purchaser under clause `Termination of Contract by the Purchaser'. After that, the same shall be completed by the Institute at the Contractor's/Supplier's risk and cost.

3. TIME EXTENSION FOR DELAY: The time allowed for execution of the works as stipulated in the contract or the extended time in accordance with these conditions shall be the essence of the Contract. The execution of the works shall commence from such time period as mentioned in the contract. If the Contractor commits a default in commencing the execution of the work as aforesaid, GMRT NCRA-TIFR shall, without prejudice to any other right or remedy available in law, be at liberty to forfeit the earnest money & performance guarantee absolutely.

As soon as possible after the Contract is signed, the Contractor shall submit a Time and Progress Chart for each milestone and get it approved by the Department. The Chart shall be prepared in direct relation to the time stated in the Contract documents for completion of the items of work. It shall indicate the forecast of the dates of commencement and completion of various trades of sections of the work and may be amended as necessary by agreement between the Group Coordinator and the Contractor within the limitations of time imposed in the Contract documents, and further to ensure good progress during the execution of the work, the contractor shall in all cases in which the time allowed for any work, exceeds one month (save for special jobs for which a separate programed has been agreed upon) to complete the work as per the mile stones given.

If the work is delayed by:

i. Force majeure, or
ii. Abnormally bad weather, or
iii. Serious loss or damage by fire, or
iv. Civil commotion, local commotion of workmen, strike or lockout, affecting any of the trades employed on the work, or
v. Delay on the part of other contractors or tradesmen engaged by the Group Coordinator in executing work not forming part of the Contract, or
vi. Non-availability of stores, which are the responsibility of NCRA-TIFR to supply or

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vii. Non-availability or breakdown of tools and plant to be supplied or supplied by NCRA-TIFR or
viii. Any other cause which, in the absolute discretion of the Group Coordinator is beyond the Contractor`s control, then upon the happening of any such event causing delay, the Contractor shall immediately give notice thereof in writing to the Group Coordinator but shall nevertheless use constantly his best endeavors to prevent or make good the delay and shall do all that may be reasonably required to the satisfaction of the Group Coordinator to proceed with the works.

4. PAYMENT

a) No advance payment is payable to a successful contractor against this tender.
b) Payments shall be released every month on a progressive measurement basis, taken by the Engineer-in-charge and the contractor from time to time after satisfactory completion of each item of work specified therein and duly certified by the Group Coordinator, thereafter approved by the NCRA-TIFR competent Authority for payment.
c) General conditions of the contract applicable to NCRA-TIFR shall also form part of this tender and shall be followed strictly.
d) The contractor has to submit the bill for the previous month in triplicate at the beginning of every succeeding month to the Group Coordinator.
e) The payment will be released within 30 days after receipt of the bill with supporting documents.
f) A measurement book shall be maintained by the Group Coordinator for executing this work. Prorate payment will be made on the basis of the actual measurement of the work.

g) First RA bill will be made only after signing the agreement and after producing the Labour License, PAN, contractor's bank account details (Branch of the bank and IFSC code in case of E-payment), ESC, EPF etc.
h) The bill shall contain the description of the matter as given in the schedule of quantities & rates.
i) For making payment against final bill, the contractor shall furnish an affidavit stating that all the liabilities on account of GST/PT any other statutory dues for the worker deployed by the contractor for the work, have already been liquidated and indemnifying the Centre of any further liabilities on this account and the Centre will have no responsibility on this account.

j) Contractor shall submit all bills to:
National Centre for Radio Astrophysics (NCRA)
Tata Institute of Fundamental Research (TIFR)
Savitribai Phule Pune University Campus
Pune 411 007, Maharashtra, INDIA

k) Payment will be made by NCRA-TIFR Pune through NEFT/RTGS.

5. INDEMNITY BOND

In case of order, you should also indemnify us on a non-judicial Stamp Paper of **Rs. 500/-** that in the event of happenings of anything of such nature, it would neither affect the work nor us in any way in respect of all Actions, Acts, Suits, Claims and Demands brought or made against NCRA-TIFR by your workmen or any other person or persons whomsoever in connection with the works or in respect of any matter or thing done or committed to be done by you in the execution of or in connection with the works notwithstanding that all reasonable and proper precautions may have been taken by you against any loss or damage

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to the Owner in consequence of any action or suit being brought against NCRA-TIFR for anything done or committed to be done in connection with the execution of the work. The indemnity given by you as aforesaid shall extend to making good all claims and demands arising out of losses/damages to property of every description and kind, the infringement of any legal right, as well as injury or accident to any person resulting in death or otherwise. Original Bond to be submitted directly to our Accounts Section, NCRA-TIFR Pune, with a copy of the same to be given to the Engineer and Purchase Section, NCRA-TIFR Pune.

6. SAFETY & SECURITY OF THE WORKMEN

The Contractor will be responsible for the safety and security of all their workmen and staff and will ensure to maintain necessary records for payment and other details as per the prevailing Procedures and Acts. Contractor will be fully responsible for any personal injury, accident, death of your personnel and shall take proper precautions against any such loss or damages by taking **WORKMEN COMPENSATION INSURANCE POLICY (WCI Policy),** valid till completion of the work for all the persons you deploy for this work. **Charges towards the same will have to be borne by the contractor and the same may be considered while submitting your bid.** However, it may please be noted that you will be solely responsible for the Safety and Security of your personnel at the site deployed by you for this work.

The Workmen's Compensation Policy must be taken keeping in consideration the following:

i. Labourers and a Supervisor deployed for the work.
ii. Place of Work:

Giant Metrewave Radio Telescope (GMRT)
National Centre for Radio Astrophysics (NCRA)
Tata Institute of Fundamental Research (TIFR)
Khodad, Near Narayangaon, Tal. Junnar, Dist. Pune 410504

If any work is to be executed under the defect liability period, you shall obtain a workmen's insurance policy for all the persons you deploy at our site before starting such work at your own cost.

Copies of the Insurance Policy should be submitted directly to our Administrative Office, the Engineer in charge and the Purchase Section, NCRA-TIFR Pune. You should also promptly report in writing to us all cases of accidents and damages. However, irrespective of the cause and place of occurring, during the execution of the work, you should make adequate arrangements to render all possible aid to the victims of such accidents and damages during the execution of the work.

7. SETTLEMENT OF DISPUTES & ARBITRATION

7.1 Centre and the contractor shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract.

7.2 If, after twenty-one (21) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either Centre or the contractor may give notice to the other party of its intention to commence arbitration, as hereinafter provided, as to the matter in dispute, and no arbitration in respect of this matter may be commenced unless

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such notice is given. Any dispute or difference in respect of which a notice of intention to commence arbitration has been given in accordance with this Clause shall be finally settled by arbitration. Arbitration may be commenced prior to or after completion Contract.

7.3 The dispute settlement mechanism/arbitration proceedings shall be concluded as under:
(a) In case of a Dispute or difference arising between Centre and contractor relating to any matter arising out of or connected with this agreement, such disputes or differences shall be settled in accordance with the Indian Arbitration & Conciliation Act, 1996, as amended till date and the rules there under and any statutory modifications or re-enactments thereof shall apply to the arbitration proceedings. The dispute shall be referred to a sole arbitrator mutually acceptable to the contractor and Centre. The award of the arbitrator so appointed shall be final, conclusive and binding on all parties to this order. Charges of the arbitrator will have to be shared equally by the Contractor and the Centre.

7.4 The venue of the arbitration shall be the place at Pune.

8. **CONFIDENTIAL INFORMATION:** The drawings, specifications, prototype, samples and such other information furnished to the contractor relating to the supply/work, sub-systems/equipment etc. are to be treated as confidential, which shall be held by the contractor in confidence and shall not be divulged to any third party without the prior written consent of the Department. The contractor, therefore, binds himself, his successors, heirs, executors, administrators, employees and the permitted assignees or such other persons or agents directly or indirectly concerned with the work/supply to the confidential nature of the drawings, specifications, prototype samples etc. It is a further condition of the contract that the contractor shall not, without prior written permission from the Department, transmit, transfer, exchange, gift or communicate any such confidential information, and also the component, sub-assembly, products, by-products etc., pursuant to the fabrication undertaken by the contractor, to any third party.

9. **STORAGE OF TOOLS AND MATERIALS**: You shall make your own arrangement for the storage/safety of tools, plants, machinery, materials & necessary arrangements for resources deployed by you.

10. **DEPLOYMENT OF LABOUR & MACHINERY**: You shall not employ any person who has not attained the age of 18 years. You shall deploy sufficient equipment and labour as may be necessary to maintain the progress of the schedule. Night work, which requires supervision, shall not be permitted except when specially allowed by the Engineer each time. On your request, you will be provided necessary lighting arrangements etc. for night work as directed by the Engineer.

11. **ASSIGNING & SUBLETTING**: Assigning or subletting the contract shall not be done unless written permission is obtained from NCRA-TIFR. Written permission, if given, shall not relieve you from your obligations under the contract and you shall take full responsibility for all work done by sub-contractors. You may subcontract parts of the order, if necessary, only to a sub-contractor approved by NCRA-TIFR. You shall be responsible for transmitting pertinent data/specifications of all contract terms and conditions to subcontractors. You shall furnish to us four (4) copies of all sub-orders (un-priced) showing promised delivery dates and places.

12. **RIGHT TO ASSURANCES & REPUDIATION**: Whenever we, in good faith have reason to question your intent to perform, we may demand in writing that you give a written assurance of

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your intent to perform. In the event that the demand is made and no assurance is given within a reasonable period of time, say not exceeding four weeks, we may treat failure as an anticipatory repudiation of the order.

13. **WORK AT NIGHT OR ON HOLIDAYS**: No work at night or on legal holidays will be carried out without the written consent of the Engineer and if permitted, such work (Due to whatever reason, like shift duties) to be done in the presence/guidance of/under the Group coordinator or his representative. However, contractor should provide/depute his technical assistance during the holidays and/or during before and/or after working Hrs as per the Institute's emergency needs/requirements by the concerned group head/his representative (refer to the scope of work for details).

14. **CONTRACTOR'S LIABILITY FOR LOSS OR DAMAGE, ETC.**:
"During the execution of the contract and until completion certificate is issued, the contractor will be fully liable to compensate all concerned for any loss, damage or destruction of 'works', structures, plant and machinery, persons, property, etc., including third party risk arising due to causes attributable to the contractor, as may be decided by the engineer whose decision in this regard shall be final".
The Contractor shall take the required Insurance Policy/ Policies for all his workmen, as per the Workmen's Compensation Act.

15. **INSPECTION:**
Inspection during the course of work and after the job is ready will be done by an authorized official of the Centre. This does not relieve you of your responsibility to inspect/supervise during all stages of work.

16. **PROVISION FOR CANCELLATION:** At any time after the acceptance of the order, we shall have the absolute right to cancel the entire order upon payment to you for all disbursements or expenses which you have incurred or become liable for, prior to the date of notice of cancellation, less the reasonable resale value of material and equipment which shall have been obtained or ordered to become an integral part of the work, plus a sum as profit, bearing the same ratio to the profit that you would have received upon completing the work as the work done bears to the entire amount of work to be done by you under this order, provided that the total payment so made shall not exceed the contract price.

17. **FORCE MAJEURE:** Neither party shall be held responsible for any losses if the fulfillment of any terms or provisions of the order is delayed or prevented by Acts of lawful Government revolutions or other disorders, wars, acts of enemies, strikes, fires, floods, acts of God or acts of states without limiting the foregoing. Any other cause not within the control of the party whose performance is interrelated with, and which by the exercise of reasonable diligence is unable to prevent, whether of the class of causes hereinbefore enumerated or not.

18. **TERMINATION OF THE CONTRACT**: If you have become bankrupt or have abandoned the work without any serious reason or deliberately delayed the work or is not carrying out the works under the terms and conditions of this contract, the Centre, reserves the right to terminate the contract at any time by giving written notice to you and you shall not be eligible for any compensation for the same.

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19. CANCELLATION OF CONTRACT.

The Centre reserves the right to cancel the contract at any time by giving one month's written notice. Similarly, if the Contractor wishes to withdraw his services, he may do so by giving **one month's** notice in writing. Extension of the contract may be considered with mutual agreement, depending on the needs of the Centre and based on the past performance of the contractor.

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PART – F	SCOPE OF WORK / BOQ

A] INTRODUCTION

NCRA has set up a unique facility for radio astronomical research using the metre wavelength range of the radio spectrum, known as the Giant Metre Wave Radio Telescope (NCRA-TIFR), it is located at Khodad Village near Narayangaon, Taluka: Junner, Dist: Pune a site about 80 km north of Pune. GMRT consists of 30 fully steerable gigantic parabolic dishes of 45m diameter each spread over distances of up to 25 km. GMRT- NCRA-TIFR is one of the most challenging experimental programmes in basic sciences undertaken by Indian scientists and engineers.

To support the research activities at GMRT (Giant Metre wave Radio Telescope), uninterrupted electrical power supply and Air conditioning systems are essential, including their trouble-free operation, maintenance and upgradation of Airconditioning and Electrical power distribution systems comprising of Distribution Transformer/s, DG sets, UPS's, power panels ect. However, the GMRT -NCRA-TIFR Electrical group has certain limitations in its capacity to carry out these activities, particularly when it comes to proper maintenance /working, cabling, and upgradation work required to make available GMRT for scientific use all the time. The GMRT NCRA Electrical team plays a vital role in supporting GMRT Observatory and related projects by providing uninterrupted power supply.

B] SCOPE OF WORK

Providing unskilled, skilled and semiskilled technical assistance for carrying out preventive and breakdown maintenance works, upgradation and new type of works in electrical section at GMRT Khodad campus, Housing colony and at GMRT's Y array antenna campuses.

Background: Off the 30 antennae of GMRT- 14 numbers are located in the Central Square campus near Khodad village and rest 16 nos are spread in Y shape (English alphabet) at East side (5nos), South side (5 nos) and at West side 6 nos from Central square campus having EB and DG set LT power supply at each location. At East and South of GMRT Khodad we have E1 and S5 antenna sites / campus with LT power supply.

1. In GMRT Campus we have 33KV/11KV step down substation of MSEDCL with 9 Nos of indoor 11KV VCB's for Incomer and feeders. 33KV supply is fed from Narayangaon substation through overhead suspension line. During prolonged power failure due to major breakdown on this line 33KV supply is provided tapping from Shiroli substation (alternative source) which needs conductor connections on overhead line for changeover. Ground assistance is needed during this work.
2. Power supply to GMRT Central Square campus: Power supply is provided to all antennae in Central square campus and Central Electronics Building, Multipurpose Building and various other labs and buildings through underground laid LT cables running from transformer / DG set power distribution center with 11KV/0.433KV rated 750KVA and 500KVA transformer substation. Also, we have 3*200KVA+1*250KVA Diesel Generator sets to provide power back up to GMRT Central square campus. Besides this we have 11KV/0.433KV 250KVA Distribution transformer substation with 100KVA DG set power distribution system and underground cable network with street lights, area lights and airconditioned computer room with UPS backup in the Narayangaon housing colony.
3. GMRT has 14 antennae in Central square campus and 16 nos spread at Y array to East, and South and West directions from C.Sq campus. Besides this we have other antennae at S5 and E1 locations. Power supply to Y array antennae is fed through overhead lines and underground LT cables passing through agriculture

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fields. LT power supply is fed to the various buildings and labs in the GMRT Khodad campus and at all the Y array antenna campuses, at residential buildings in Narayangaon housing colony through underground cables. Assistance enquired should be provided at all these sites/locations for routine maintenance checks on cables, identifying underground laid cable faults, repairing and attending them. U/G LT cable fault location identification, digging in fields, putting joints in fields, locating cable fault, Cable trench digging, cable laying and refilling the cable trench, attending the problems for maintaining electrical power supply in healthy condition, for operation and maintenance of Diesel Gensets, UPS systems and Air conditioning systems in healthy conditions.

4. Power supply to Y array antennae: Dedicated 11KV overhead lines are running from MSEDCL's 33KV/11KV step down substation in the GMRT Central Square campus to Y array antennae. At each Y array antenna there is 11KV/0.433KV Double pole mounted Transformer. LT 415volts 3 phase power supply is fed to each Y array antennae through underground laid cables. These cables are passing through the irrigated agricultural lands belonging to local farmers. Also, we have 50KVA, 35KVA Diesel Generator sets used at each of these Y array antennae.

5. At all the GMRT antennae bases we have power distribution system with isolation transformers, RFI shielded UPS's feeding critical systems, voltage stabilizers feeding to Antenna base Air conditioners. Also, we have UPS systems, various kinds of Air conditioning systems at GMRT and the assistance enquired should be provided for attending the Preventive and breakdown maintenance work on these units, with GMRT staff.

6. Service duration: The initial service will be for a period of **one year**, with provision for extension based on performance and operational needs.

   All the systems stationed at GMRT Campus and antennae need uninterrupted power supply and same are maintained by GMRT/NCRA with own staff and through technical assisting team.

   Following is the scope of work for providing such services.

	Details of work/s covered under this inquired work for technical assistance under Electrical group are as follow:
1	33KV, 11KV, HT line maintenance activities for identifying and attending the RFI causing problems, to do the HT line/s PM and breakdown maintenance as per Superior's Instructions with electrical safety precautions and as stated below.. The problems include as stated under …...
1a	The HT line maintenance includes ground patrolling (walking along) the 33KV HT line/s through fields, mud, grass for looking and identifying the faults and attending the RFI causing sources on the overhead lines HT line from 132KV Substation at Narayangaon to GMRT campus to Shiroli 33/11KV substation and helping/rectifying various kinds of problems so as to minimise the RFI to GMRT observations from such overhead lines and transformer DP's around GMRT antennae.

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	Details of work/s covered under this inquired work for technical assistance under Electrical group are as follow:
1b	The HT line maintenance includes ground patrolling (walking along) the 33KV HT line/s through fields, mud, grass for looking and identifying the faults and attending the RFI causing sources on the overhead lines HT line from 33KV Substation in GMRT campus to Shiroli 33/11KV substation and helping/rectifying various kinds of problems so as to minimise the RFI to GMRT observations from such overhead lines and transformer DP's around GMRT antennae.
1c	The HT line maintenance includes ground patrolling (walking along) the HT line/s through fields, mud, grass for looking and identifying the faults and attending the RFI causing sources on/along the 11KV overhead lines to East, West, South side antennae from GMRT Substation to last antenna of each arm of Y array and helping/rectifying various kinds of problems so as to minimise the RFI to GMRT observations from such overhead lines and transformer DP's around GMRT antennae.
1d	The MSEDCL's HT line/s (other than the GMRT 33KV and 11KV Y array lines) maintenance includes ground patrolling (walking along) the HT line/s through fields, mud, grass for looking and identifying the faults and attending the RFI causing sources on the overhead lines at East, West, South side antennae, around GMRT Central square campus and helping/rectifying various kinds of problems so as to minimise the RFI to GMRT observations from such overhead lines and transformer DP's.
1e	The MSEDCL's EHV line/s maintenance includes ground patrolling /surveying (walking along) the EHV line/s through fields, mud, grass for looking and identifying the faults and various kinds of problems / the RFI causing sources on the overhead lines at East, West, South side antennae, around GMRT Central square campus and helping for rectifying from concerned agencies to minimise the RFI to GMRT observations.
1f	Walking along the HT line/s and trimming all type of tree branches /bamboos /coconut trees/ creepers along HT lines (to avoid sparking) from ground and /or if required by climbing on the tree, trimming or removal of normal and thorny bushes, cactus, century plants, pulling the cables/conductors having no power supply through them etc
1g	Attending the Transformer DP's (including climbing on pole/s, DP's) for eliminating RFI, improving DP/pole earthing by replacing hardware, earth conductors, excavation and making earth electrode/s, replacing DO fuse links, replacing burnt conductor jumps/links, replacing faulty/bad insulators, replacing and /or repairing DP boxes by replacing inside fuses, isolator/switches/MCB, lifting/shifting/transport of oil and checking oil level in transformer and refilling fresh oil, checking and relacing silica gel etc.
1h	Climbing on transformer DP/DP's, assisting for disconnection of faulty transformer (11KV/0.433KV), removing it into the vehicle, installation of repaired transformer, making conductor and cable connections, testing of transformer, LT cable etc with proper safety precautions.
1(i)	Aligning the tilted pole/s, excavating the pit for pole erection, shifting/loading/unloading of cement, aggregate, sand /water and making the cement concrete as per supervisor's instructions and properly grouting the pole/s, making muffing to the pole with cement concrete.
1 (j)	Routine preventive maintenance of 11KV VCB, isolators, 11KV AB switches on the structure, testing of protective relays etc in GMRT substation.

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	Details of work/s covered under this inquired work for technical assistance under Electrical group are as follow:
2	Underground cable maintenance and repair work: Off the 30 antennae 16 antennae of GMRT are spread as --5 nos each in East, and South and 6 nos at West directions from C.Sq campus and two different antenna at S5 and E1 locations. Power supply to these Y array antennae is fed by MSEDCL through underground LT cables from transformer DP/DP's to each antenna passing through agriculture fields. LT power supply is also fed to the various buildings and labs in the GMRT Khodad campus and for residential buildings in Narayangaon housing colony through underground cables. Assistance should be provided to disconnect, identify cable fault/s by excavating the earth to remove the cable for repairs, and refilling in all kinds of seasons (monsoon/winter/summer) as stated below...
2a	Providing assistance to disconnect, identify and locate the cable fault/s by manual excavation in the ground at Y array antenna/ in GMRT Central square campus/ In Narayangaon Housing colony.
2b	Providing assistance to excavate the cable trench in the ground of soil/soft and /or hard murum for cable fault repairs/ for new cable laying/for Earthing strip laying at Y array antenna/ in GMRT Central square campus/ In Narayangaon Housing colony.
2b	Providing assisting to repair the cable fault by putting joints/jointing kits and testing and connecting the cable at both source and load side terminals and restore the power supply to antennae at at Y array antenna/ in GMRT Central square campus/ In Narayangaon Housing colony.
2c	Providing assistance for refilling the cable trench by excavated material in all kinds of seasons test the cable at Y array antenna/ in GMRT Central square campus/ In Narayangaon Housing colony.
2d	Providing assistance for routine maintenance checks of cable/s by disconnecting cable/s from bus bar/terminals, testing the cable using "Test Instrument" recording results and reconnection to terminals.
3	Providing assistance for Earth electrode construction and maintenance work including following …
3(a)	Excavating the earth pit in soil/soft murram/hard murram or gravel /soft rock by manual tools/portable breaker machine (provided by GMRT) and refilling in the GMRT Central square campus and /or at Y array antenna campus /sites and/or in Narayangaon Housing colony campus.
3(b)	Preparation of earth electrode by drilling holes to 600*600*3mm copper plate/600*600*6mm GI plate, 30mm/50mm/63mm dia. GI pipe by hand /stand mount drill machine and fixing all parts/components together to make an electrode as directed by the concerned in charge.
3(c)	Lifting, loading the Institute's materials like Bricks, cement bags, sand, aggregate, earth electrode/s, charcoal, soil, salt, ground resistivity enhancing powder in the vehicle (provided by Institute) from the stored space/supplier's store yard, transporting it to the working site at/in GMRT Central square campus / at Y array antenna / Narayangaon Housing colony, 33KV, 11KV overhead line locations in the farm/fields, unloading and shifting to the actual working spot/site. Mixing of required quantity of cement, sand, aggregate with water and making and using cement concrete wherever required.
3(d)	Refilling the Earth pit putting the fabricated pipe or (pipe + plate) earth electrode with ground resistance enhancing materials like charcoal, salt/Bentonite powder, water and the garden soil and /or excavated earth material.

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	Details of work/s covered under this inquired work for technical assistance under Electrical group are as follow:
3(e)	Testing and maintenance of Earth electrode/electrodes: Earth Electrodes are provided for Electrical power distribution system at all campuses, at GMRT antennae and to the critical systems in GMRT lab building/s. At each GMRT antennae there are 8 earth electrodes and many electrodes at Central electronics building and at all other buildings also. Earth electrodes maintenance includes disconnection of earth conductors, testing and recording the earth resistance values and reconnection at GMRT Central square campus buildings, antennae & DG sets, power distribution centres /Y array antenna and DG sets/ Narayangaon Housing colony/ Y array Transformer DP centres, MASER system, NSM system, MP building labs, Solar power system, Solar Inverter container, CEB labs/all shielded rooms/labs etc.
3(f)	Watering earth electrodes – lifting and loading the empty sintex water tank into the vehicle (provided by Institute), filling the water into the tank and watering earth electrodes in GMRT Central square campus, Y array antenna.
4	Providing assistance for…
4a	For loading, unloading, shifting and installation of power distribution panels/UPS/voltage stabilizers /DG sets/Air conditioners/Air coolers/transformer/ breaker trolley/electrical appliances/electrical, electrification materials and Airconditioning components/AC/DC motors/Water coolers /CT's/PT's/Isolators/Insulator cartoons/lamp boxes/Halogen lamps/DG set and UPS Batteries, unwinding LT, Aluminium/ copper conductor power cable / wires / copper or GI bare conductor, Casing caping strip/s, PVC conduits, PVC/uPVC/HDPE pipes, DWC pipes, MS/GI/steel pipes from pipe/cable /wire drums, cutting the required lengths, recoiling, loading/unloading in/from the vehicle (provided by Institute), shifting and unloading at the working site in GMRT Central Square campus, Y array antenna site/s, Narayangaon housing colony or other sites as required by the Institute's representative.
4b	Providing assistance for lifting, loading, shifting and unloading of metal (MS/GI /Aluminium/copper) structural and earthing items like bare wires/conductors, angles, channels, flats, plates, pipes, tubes of various kinds, cutting them, drilling holes to them and bolting, jointing as per the Institute's requirement for use.
4c	Providing assistance for lifting, shifting, loading/unloading of drums filled with diesel, engine oil, transformer oil; and filling diesel in DG sets, engine oil in DG set engines, transformer oil in transformers as per Institute's site requirements.
4d	Excavation of pits in the ground of soil/soft and or hard murum by using tools, heavy duty excavation machines and erecting and grouting the conductor support poles, structure support poles etc as per site requirement including preparing and putting concrete for pole erection.
5	New Cabling works includes providing assistance for following activities/works…

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	Details of work/s covered under this inquired work for technical assistance under Electrical group are as follow:
5(a)	Laying of the LT armoured /unarmoured, copper, Aluminium cables, wires (from 1 core and/or 3 and/or 4 and/or 3.5 core, 1sqmm to 400sqmm size) in the cable trenches, conduits, HDPE/PVC/DWC/RCC pipes laid underground, laying and clamping on cable treys, laying and clamping on walls by screws/anchor fasteners by drilling holes on any kind of walls/columns/beams/slabs etc.
5(b)	Preparing cable end terminations by filling cable glands (single and/or double compression and/or flange type) to any type of cable (from 1 core and/or 3 and/or 4 and/or 3.5 core ,1sqmm to 400sqmm size) including lug crimping (material will be provided by Institute) and connecting them to the designated terminals.
5(c)	Taking the new power cables/wires inside the electrical panels/UPS's/DG sets/Voltage stabilizers/Electrical machines/appliances and connecting them to the equipment terminals.
5 (d)	Disconnection and taking out the old power cables/wires from the electrical panels/UPS's/DG sets/Voltage stabilizers/Electrical machines/appliances and shifting them to designated place and/or re-connecting them to the equipment terminals.
6	Providing assistance for DG set maintenance works:.. We have 3*200KVA DG sets, 1*250KVA DG set in GMRT Central square campus, 16 nos of DG sets at Y array antennae, 1*100KVA DG set in Narayangaon housing colony, 2*20KVA DG sets and 2KVA portable DG sets and the technical assistance is required to maintain these DG sets for following..
6(a)	Daily/fortnightly routine checking and maintaining oil level, diesel level, coolant level, battery health, general cleaning and maintenance work on DG sets in C.Sq. campus, Narayangaon Housing colony- of 200/250KVA DG set in C.Sq. campus/50KVA and 35KVA DG sets at Y array antenna.
6(b)	Routine Preventive maintenance work like replacing V belts, spares like oil, oil and diesel filters, relays, cleaning and servicing, checking and updating/maintaining oil in engine, maintaining coolant in radiators, checking and attending control and power connections of DG set AMF panel, checking battery health and maintaining electrolyte, checking DG set parameters like Voltage, frequency, power, engine speed, checking Engine and alternator safety parameters-- of 200/250KVA DG set in C.Sq. campus, 50KVA and 35KVA DG sets at Y array antenna and 100KVA DG set at Narayangaon colony.
6(c)	Breakdown maintenance works, repair works to DG sets including cleaning, replacement of engine spares, AMF spares/components/relays/fuses/MCB's/MCCB's/V belts/ filters, alternator/fan/exhaust fan, RR assembly, fuel line/hoses, maintaining oil level, maintaining coolant in radiators, checking and attending control and power connections of DG set, checking DG set operation—of 200/250KVA DG set in C.Sq. campus/50KVA and 35KVA DG sets at Y array antenna and and 100KVA DG set at Narayangaon colony.
6(d)	For checking and maintaining diesel level in DG sets in C.Sq. campus.
6(e)	For checking and maintaining diesel level in DG sets at East, West and South arm antennae.
6(f)	For checking and maintaining diesel level in DG sets in Narayangaon housing colony.
6(g)	For loading, unloading diesel filled drums, engine oil filled drums into/from vehicle. Bringing diesel drums from petrol pumps, diesel drum shifting and filling diesel in DG sets without wastage

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	Details of work/s covered under this inquired work for technical assistance under Electrical group are as follow:
7	Providing assistance for Voltage Stabilizer repairs, PCB repair in lab, servicing, disconnection, shifting from lab to antenna to lab, installation at antenna and reconnection work. Power and control wiring checking, replacing MCB's, auto transformers, control PCB's and repairs if needed to the voltage stabilizers at GMRT antennae including disconnections and reconnection of cables, lifting and loading into vehicle, shifting and unloading at designated places.
8	Providing assistance for repairs of UPS at antennae: Assistance should be provided for PCB repair and testing in lab, servicing, disconnection, shifting of UPS and /or batteries from lab to antenna, antenna to lab, installation of UPS/battery at antenna and reconnection work. UPS and battery disconnection, shifting and reconnections replacing their spares.
8(a)	For UPS's in lab: Assistance should be provided for servicing, cleaning, power and control wiring checking, replacing MCB's, disconnection and connection of batteries, control PCB's and repairs if needed to the UPS systems at GMRT antennae and at all labs including disconnections and reconnection of cables, shifting, connecting and disconnecting load bank for load testing, lifting and loading into vehicle, shifting and unloading at designated places. Preventive maintenance visual inspection, servicing, part replacement works of UPS includes opening of UPS's, checking and doing battery connections, checking and doing power cable connections, control connections etc as needed.
9	MASER, NSM and ISRO's IRNSS station in GMRT Campus: Assistance should be provided during/for preventive and breakdown maintenance checks/works on AC's, UPS's, power system and for inspection, providing portable DG set power supply to these Critical systems, by Dg set shifting and connecting power cables, at GMRT which needs uninterrupted power supply even during maintenance shutdowns.
10	Airconditioning systems at all campuses: Various labs, office rooms and critical systems of GMRT like Correlator, Receiver, control and computer rooms are provided with air conditioning systems running 24Hours*365days basis to maintain the desired room temperature. At GMRT campus enquired assistance is required to carry out routine, emergency breakdown works and new works for doing AC servicing, cleaning condenser coil & indoor unit coil, disconnection of faulty motor and replacement with new, replacement of fan blades, replacement of protective devices, contactors, relays etc and maintenance works for all kinds of AC units, on daily, weekly, monthly, quarterly, half yearly basis (as needed) with GMRT existing staff.
11	At GMRT 392KWp Ground mount solar power plant ..Providing assistance for routine operation and maintenance checks like array voltage measurement, PV module connector visual checks, DC, AC power cable/cable connections /connectors inspection, control cabling used for interlocking with DG sets, routine operation and maintenance checks on AC's in Inverter Container, Inverter installation work in shielding boxes with cabling, terminations, filter installations, filter connections checks, cleaning and servicing of Solar PV modules etc. PV array ground maintenance works like bushes, grass, vegetation removal, cleanliness, earth electrode maintenance, Earthing with LA inspection and maintenance for healthiness, AC combiner panel power connection and operational checks, recording energy generation, similar works for intruder alarm system power supply maintenance activity etc.

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	Details of work/s covered under this inquired work for technical assistance under Electrical group are as follow:
12	Works at NAAP (NCRA Arvi Antenna Project) 18 mtr and 32 mtr antennae sites: Assistance to be provided during underground cable route excavation by excavator, pvc pipe laying, cable laying, panel erection, cable termination, earthing work, providing power supply with switchgear and cable terminations, UPS and all other required related works.
13	Pump houses: Providing assistance to attend the complaints of water pump houses in all campuses, borewell submersible pumps at antennae sites, GMRT and Narayangaon housing colony campus for opening the cable termination box of motors, checking and attending the connections for looseness, burnt lugs, cable replacement, motor pumps replacement, disconnection, removal, repair and reinstallation of motors, checking operation of motor starters, replacement of control gears, switchgears, contactors etc.
14	Multipurpose building at GMRT: Providing assistance to attend the smoke and fire alarm system with fire hydrant pump house at Multi-purpose building and; also for smoke and fire alarm systems installed in main building. Assistance is to be provided for regular checks of these systems like control and power connection and attending problems like loose connections, cable lug, cable replacement, motor replacement or for replacement of such other electrical system component, checking operation of motor starters, replacement of control gears, switchgears, contactors, sensors etc.
15	Mobile DG sets works: Providing assistance for servicing, cleaning, power and control wiring checking, replacing MCB's, disconnection and connection of battery and cables and repairs if needed to the portable/mobile DG sets of 2KVA/3KVA/20KVA at GMRT Khodad and all antennae campus, including disconnections and reconnection of cables, lifting and loading into vehicle, shifting and unloading at designated places, fuel filling, including shifting of DG sets to required site (vehicle will be provided by GMRT) etc.
16	MASER: The GMRT Electrical team supports MASER system through regular maintenance and electrical system upgrades. Assistance should be provided for routine operation checks on UPS with its batteries, air conditioners with its switching and control circuitry, providing DG set power back up during preventive maintenance shut down, breakdown works, earth electrode testing and maintenance work like replacement of hardware, watering electrodes etc.
17	EPABX- Enquired assistance is required for carrying out the servicing, PM and breakdown maintenance works on the battery with its charger, telephone system, EPABX system (at GMRT, Narayangaon housing colony), during communication breakdown for restoration of services.
18	Enquired assistance should be provided to carry out the following type of works as well…

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	Details of work/s covered under this inquired work for technical assistance under Electrical group are as follow:
18(a)	Providing EB and/ or UPS power supply, lighting, telephone, extension boards, for science day exhibition preparation, engineer's day celebration preparation and for such other events, functions held at GMRT, by climbing on the pandals and laying power supply cables, telephone cables, fixing luminaires on pandal/s, providing extension boards to the users/participants of the programmes, providing power supply to the wall fans/pedestal fans/ceiling fans/exhaust fans/air coolers/PA system/deep freezer/s into /to the various pandals at the function/activity area.
18(b)	Disconnection of the cables, power supply, lighting, telephone, extension boards, from science day exhibition pandals, engineer's day celebration sites and from such other event locations, functions held at GMRT, by climbing on the pandals and removing power supply cables, telephone cables, luminaires on pandal/s, extension boards from the users/participants of the programmes, from the wall fans/pedestal fans/ceiling fans/exhaust fans/air coolers/PA system/deep freezer/s from the various pandals at the function/activity area.
18(c)	For recording monthly energy reading at Y array antenna and Narayangaon Housing colony quarters.
18(d)	For providing power supply, to/for maintenance and repairs and replacing chords, cable pin tops, connectors, brushes etc to/of the electrical appliances like toaster, Grinder, welding machines, water heater, wall and ceiling fan, water geyzer/s, air cooler/s, air conditioner/s, fly catcher/s, portable machines, drill machine, cutters, lathe machines, Hydra, high lift platforms etc.
18(e)	Providing and maintaining electrical supply arrangements at remote place/s as per requirement by other labs for power supplies, UPS's, stabilizers, battery maintenance, AC maintenance etc.
18(f)	Attending minor electrical repairing activities of all type/s of buildings (Emergency maintenance) like wiring replacement, heater coils, heaters, geyzers, lamps replacement, fixture replacement, conduit, casing caping replacement, Laying and/ or removing the wires/cables in conduits, trenches, above the false ceiling, repairs of all types /kinds of electrical appliances like fans/heaters/geyzers/air coolers/freezers etc
18(g)	Preventive maintenance visual inspection, servicing, part replacement works of non-AMC electrical equipment /appliances like UPS, DG sets Air conditioner units at GMRT Lab / offices / Narayangaon Colony. Air conditioning preventive and breakdown maintenance works assistance during / for opening and cleaning of condenser coils, evaporator/indoor unit coils, replacement of motors, fans, capacitors, refrigerant line cutting, laying, refrigerant gas charging, copper pipe fixing on clamps on walls, for drilling holes to brick walls/concrete walls/beams etc.
18(h)	For maintenance and repairs of the Y array antennae 63KVA transformer works-- involving climbing on transformer double pole structure at a height about 5 mtrs or more, testing of faulty transformer disconnection of faulty transformer, collecting new transformer from storeyard, shifting at Y array site, installation of transformer on DP structure, doing conductor and cable connections and commissioning.
18(i)	Replacement of fused lamps or luminaires at all places like labs, buildings, street lights at a height of 4 mtr to more than 6 mtr), antennae bases, azimuth platform at antennae, aviation light assembly at GMRT antenna feed and ring (at height upto 25 mtr from ground level), guest house and hostel buildings, DG rooms, various sheds, vehicle parking sheds, storage yards, at false ceiling in MP Building auditorium etc. in both the GMRT C.Sq. campus, antenna campus and Narayangaon housing colony campus.

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	Details of work/s covered under this inquired work for technical assistance under Electrical group are as follow:
18(j)	Providing services for doing electrification wiring (in sizes 1 sqmm to 10sqmm) in concealed conduits, casing caping in buildings, antennae towers and as per Institute's required sites, testing the wiring and powering it.
18(k)	Providing services for doing electrical wiring/cabling (of wire sizes 4 sqmm to 95sqmm) in concealed conduits/conduits/ casing caping in buildings, antennae towers and as per Institute's required sites, testing the wiring and powering it.
18(l)	Excavation of cable trenches in the ground of soil/soft and or hard muram by using tools, heavy duty excavation machines, laying the telephone, electrical power supply cables of any size from 10mm OD to 70mm OD by lifting and pulling them but without any damage to cables and laying them in the trenches or in RCC pipes/PVC pipes/ uPVC /DWC /GI/HDPE pipes including lifting, shifting and laying the said type of pipes.
19	At GMRT Antennae bases (all 30 antennae): Indoor main MV power panel/s, borewell water pumps, DG set power change-over and distribution panel preventive maintenance inspection checks including, earthing/earth conductor connections check, power and control connection checks for tightness, SFU, contactor terminal cleaning, control and protective relays/devices, HRC fuse holders, bases, MCB's, MCCB's operation / health check and assist for corrective measures / replacement/repairs, lightning protection conductor connections inspection, conductor lug crimping and refitting etc.
20	Assistance should also be provided to carry out the following type of Electrical PM works/activities…
20(a)	At GMRT: With power shut down-750KVA, 11KV/0.415V Distribution transformer, Oil Switch Fuse unit PM checks including HT, LT side cable box opening and closing, cable and bushing connections health inspection, oil level checking and filling, breather maintenance work, Buchholz relay and earthing /earth conductor connections check and assist for corrective measures.
20(b)	Power panel, change-over panel preventive maintenance inspection checks including, earthing/earth conductor connections check, power and control connection checks for tightness, contactor terminal cleaning, control and protective relays/devices, HRC fuse holders, bases, MCB's, MCCB's operation / health check and assist for corrective measures / replacement/repairs etc.
20(c)	Power distribution panels/ MCB/MCCB Distribution Boards (in CEB labs, Correlator, Receiver room work shop, canteen Guest house MP building and various other building in GMRT central square campus) preventive maintenance inspection checks including, earthing/earth conductor connections check, power and control connection checks for tightness, contactor terminal cleaning, control and protective relays/devices, HRC fuse holders, bases, MCB's, MCCB's operation / health check and assist for corrective measures / replacement/repairs etc.
20(d)	With power shut down-500KVA, 11KV/0.415V Distribution transformer, Oil Switch Fuse unit PM checks including HT, LT side cable box opening and closing, cable and bushing connections health inspection, oil level checking and filling, breather maintenance work, Buchholz relay and earthing /earth conductor connections check, earth resistance checks and assist for corrective measures.

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	Details of work/s covered under this inquired work for technical assistance under Electrical group are as follow:
20(e)	At Narayangaon colony: With power shut down-250KVA, 11KV/0.415V Distribution transformer, AB Switch PM checks including HT, LT side cable box opening and closing, cable and bushing connections health inspection, oil level checking and filling, breather maintenance work, Buchholz relay and earthing /earth conductor connections check, earth resistance checks and assist for corrective measures.
20(f)	At Narayangaon colony: Indoor and outdoor main MV power panel/s (in different locations buildings, water pump house), DG set power change-over and distribution panel preventive maintenance inspection checks including, earthing/earth conductor connections check, power and control connection checks for tightness, ACB, contactor terminal cleaning, control and protective relays/devices, HRC fuse holders, bases, MCB's, MCCB's operation / health check and assist for corrective measures / replacement/repairs etc.
20(g)	Indoor main MV power panel/s (in different locations like MPB, water pump house, fire pump house), DG set power changeover panel / synchronising panel for power change-over-preventive maintenance inspection checks including, earthing/earth conductor connections check, power and control connection checks for tightness, ACB, contactor terminal cleaning, control and protective relays/devices, HRC fuse holders, bases, MCB's, MCCB's operation / health check and assist for corrective measures / replacement/repairs etc.
20(h)	Outdoor MV power panel/s in (GMRT C.Sq. campus), preventive maintenance inspection checks including, earthing/earth conductor connections check, power and control connection checks for tightness, ACB, contactor terminal cleaning, control and protective relays/devices, HRC fuse holders, bases, MCB's, MCCB's operation / health check and assist for corrective measures / replacement/repairs etc.
20(i)	Smoke & Fire alarm system in GMRT Main building, Multipurpose building - operational performance of the system and preventive maintenance inspection checks including, earthing connections check, power and control connection checks for tightness, contactor terminal cleaning, control and protective relays/devices, smoke sensors operation check and maintenance, HRC fuse holders, bases, MCB's, operation / health check and assist for corrective measures / replacement/repairs etc.
21	SPECIAL INSTRUCTIONS
21(a)	Workplace Height: Work may be done at the height of Antenna Structure (of more than 15 Mtr) / any other place as per site requirement/ instruction.
21 (b)	Fitness of Workmen: Activity mentioned above may involve working at a height of more than 15 Mtr. Workers should be Fit & capable of working at the height of the antenna structure. If necessary, GMRT will assess the same for their capability.
21 (c)	Crane Support: For heavy material handling, if any, Crane will be provided by GMRT/NCRA wherever necessary, based on availability.
21 (d)	Safety Items: All safety gears (excluding Safety Shoe & Uniform) like helmets, safety belts etc, as per job requirement will be provided by GMRT-NCRA
21 (e)	Operation and maintenance of these systems have to be carried out as required by the Group coordinator / authorised representative by following the established practices and procedures and as per the instructions.
21 (f)	Qualified technical assistance, as indicated in Table 1, should only be deployed for the job.
21 (g)	The contractor shall strictly follow the procedure and safety precautions suggested by the GMRT -NCRA- TIFR.
21 (h)	Contractor shall ensure that operation of the system is carried out within the limits and operating conditions specified in the operating manuals of the systems, safety reports and the instructions issued by the group coordinator periodically.

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	Details of work/s covered under this inquired work for technical assistance under Electrical group are as follow:
21 (i)	Day-to-day maintenance, running maintenance, assessment of operating equipment, performance and preventive maintenance of all systems and equipment have to be carried out as per the instructions of the group coordinator or his representative.
21(j)	The enquired assistance/s should be provided at various levels like skilled, unskilled and semiskilled and for doing the mentioned works during their duty hours and sometimes at odd hours, after office hours and on holidays also depending on the exigency of work and breakdown works at all the campuses.
21 (k)	Monitoring different parameters and recording them in the log book/sheet provided by the GMRT-NCRA-TIFR at regular intervals of time or as and when the group coordinator demands.
21 (l)	Physically present in the designated workplace throughout the duty time and closely observe the smooth operation of the system/s, equipment/s, machines etc. Events, incidents and a summary of operation and maintenance works carried out shall be informed to the Group coordinator/Authorised representative by the deployed workmen.
21(m)	The contractor has to provide technical assistance as per Table 1. A few work spots have been identified by the Group coordinator in the Electrical group/GMRT premises and any other facility in the designated workplace. Contractor must deploy personnel in the above-mentioned work spots as required by the Group coordinator or his representative.
21 (n)	If any of the shift (as and if applicable) personnel goes on leave or is unable to attend the duty, the contractor must make suitable arrangements for the replacement of the Resources/assistance.
21 (o)	Peoples deputed for providing services at our sites should have knowledge of general and electrical safety protocols and emergency response.
21 (p)	Peoples deputed to provide services at GMRT/NCRA sites should have inquired type of actual experience of working in Institutional or Industrial setups for similar tendered works and which will be preferred by us. Preference will be given to agencies who can provide persons/assistance as stated.
21 (q)	Peoples deputed to provide electrical related assistance services at GMRT/NCRA should have good communication and teamwork skills and which are required for all positions.
22	The enquired assistance services for electrical systems shall also covers the following terms and conditions…
22(a)	Scope of work includes supply of assistance and excludes material, consumables, tools and tackles, machines etc.
22(b)	The enquired assistance should be provided as said above to carry out the electrical works, services at GMRT antennae bases, at antenna Azimuth and elevation platforms, at antenna feed level working through High lift platform, at GMRT, Housing colony, at site office buildings, residential buildings, shielded rooms, electrical and electronics and computer labs at GMRT Khodad, office and guest house and hostel buildings, all type of buildings in GMRT Khodad, Naraynagaon colony and all the antenna campuses, at terraces of the buildings at all the campuses, inside the underground tanks, inside the underground water pump houses, building floors at all levels from 0 to 4th and above, at height above 6 mtrs, on the metal structures of more than 6 mtr height, in/at the electrical power substations, at electrical power distribution systems, panels, transformers, switches, switchgears, breakers, isolators, transformer DP's etc.

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	Details of work/s covered under this inquired work for technical assistance under Electrical group are as follow:
22(c)	All the above said assistance should be made available as per GMRT-NCRA systems/office/Institute's required times based on availability of antennas and systems, during routine maintenance cycles, GTAC observation cycles, during electrical power supply failure times, DG set, AC, UPS failure or breakdown times, during operation and usage of Auditoriums, meeting/recreation halls, during all the seasons like rainy season, winter season, summer season and/or as per Institute's and systems site requirement.
23	Additional Electrical Assistance's Requirements: In addition to the above the selected assistance providing agency should ensure that the following things are taken care by them. a) Scheduled preventive maintenance routines are to be strictly followed. b) Timely response to call for all new works, maintenance requests and emergency calls. c) Proper record-keeping of daily assistance activities. d) Compliance with internal electrical and all other safety norms and statutory regulations. e) Regular reporting to the NCRA/GMRT authorities. f) Readiness for off-hour or emergency maintenance work when required. g) Ensure compliance with statutory requirements (PF, ESIC, Labour laws, etc.) as per tender. h) Periodic review and performance evaluation of the assistance deployed. i) Provision for the replacement of non-performing staff without disruption.
24	Miscellaneous Works- In addition to the above listed technical works, the GMRT Electrical group also handles a wide range of miscellaneous tasks requested by all other group/s (like Administration, Housekeeping, Civil, Mechanical, Servo, Front End, Telemetry, OFC, Computer, Library) of GMRT/GMRT to support daily functioning of the systems in the campus/es. These tasks often involve providing raw power supply/DG set power supply/UPS power supply, illumination of areas, building/s, tower and such other operations/activities. Though not directly related to scientific instrumentation, these activities are essential for maintaining a safe, clean, and efficient working environment. The electrical team completes these jobs with the same level of quality and electrical safety and commitment as technical tasks, contributing significantly to overall campus operations. The intended assistance is required to carry out all the inquired works and any other works assigned by the GMRT- NCRA Authority and/or concerned person which are not listed hereunder/and above.
25	Technical assistance/Resources requirement and qualification:
	Technical assistance requirement for the contract work and their qualification are mentioned in Table 1. Definition for 1 No. of operation = Carry out operation/maintenance activities for 8 hrs by the technical assistance to the Group coordinator is termed as 1 No. of operation. i.e. 8 Man hours = 1 Operation.

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	Details of work/s covered under this inquired work for technical assistance under Electrical group are as follow:
26	All documents, labels, tags, notices, instructions, etc. related to this work/plant and procedures will be in English only. The supervisor has to write in the log sheet in English. Hence, the supervisor should have sufficient knowledge of English writing.
27	Evaluation of the contract personnel will be done by the Group coordinator and his experts before deploying them for the work, which will be based on educational qualifications. Only those who qualify will have to be deployed for the contract work under the contract.

Table 1: Details of resources /assistances to be provided by the contractor

Sr. No.	Resources required	Nature of work	Deployed technical assistance should have the following qualifications	Category	Experience in the relevant field/expertise	Daily no. of operation
1	Technical Assistance	All kinds of Electrical works like- Electrical cabling, wiring, terminations, fitting electrical materials & equipment handling, testing, repairs & installation, LT HT overhead line fault identification, cable, equipment fault repairs etc.	ITI Electrical /electrician	Skilled	More than 10 Years in the relevant filed	1
2	Technical Assistance	All types of electrical works, cable trenching /refilling, Electrical cabling & wiring, fitting, electrical materials/ equipment handling, repairs, installation, LT, HT overhead line fault identification for repairs etc	ITI Electrical / Electrician	Semiskilled	>2 Years in the relevant filed	1
3	Technical Assistance	Cable trench excavation/refilling, Electrical cabling & wiring, fitting, electrical equipment repairs, installation, material handling, LT, HT overhead line fault finding identification for repairs etc	HSC+ >10 years	Semiskilled	More than 10 Years in the relevant field	4
4	Technical Assistance	Cable trench excavation/refilling, Electrical cabling & wiring, fitting, electrical equipment repairs, installation, material handling, LT, HT overhead line fault finding identification for repairs etc	SSC+ >10 Years	Semiskilled	More than 10 Years in the relevant field	1
5	Non-Technical Assistance	Heavy rigger activity supporting heavy hand for site work, height work to 1 & 2 above	SSC > 2 years	Unskilled	2 to 3 years in the relevant field	1

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Terms and conditions for the contract personnel on duty, attendance

The duty timings for various shifts at NCRA are as follows:

- Monday to Saturday: Working hours – 09.00 hrs. to 17.30 hrs. (including half-hour lunch break)
- In general, no work on Sundays & National Holidays. However, due to emergency works related to GMRT/NCRA antenna /observatory related any type of tendered works group coordinator may specifically call the necessary person/s for work on any day and or beyond working hrs. specified.

a) The enquired assistance should be provided as mentioned under all the above and below points for performing the duties to carry out the work on daily basis or during the emergencies /during the various activities/ functions held at GMRT campuses before and/or after the above said office/ working hours/ working period as per requirement of the Institute. The enquired assistance through electrical assistance providing agency/contractor should be given by providing, deputing the unskilled, semiskilled and skilled assistances (qty as mentioned under "Table1" above) at all the working sites of GMRT (i.e. at GMRT Khodad site office, GMRT antennae and housing colony) wherever Institute's requirement arises (i.e. during mentioned office hours or even before and /or after office hours as per Institute's requirement) and the assistance provided by the contractor should work as per the instruction given by Institute's representative, Institute's deputed person at any level like supervisor or Engineer at any level or by technical assistant/Technical officer/tradesman at any level or any person deputed by Institute to get the required work done at satisfactory /desired level.

b) The group coordinator will provide tentative details of work to be done at the beginning of every day each month to the contractor so that the contractor will arrange technical and non-technical assistance accordingly.
c) The contractor must provide technical/non-technical assistance in such a way that no person performs duties for more than the allowed working hours and this is to be practiced strictly.
d) Technical and non-technical assistance provided by the contractor has to be recorded each day in the MB book jointly by the group coordinator and the contractor to calculate the number of operations performed for the purpose of billing.
e) The working schedule must clearly state the names of the persons coming for work and the number of working hours for each person.
f) Duty-off / Shift off must be given to all the contract personnel as per the relevant labour laws.
g) Contractor must maintain a written record of attendance for all persons under this contract and must keep it up-to-date.
h) Attendance of the contract personnel will also be checked by the representatives of the GMRT/NCRA administration at the respective work spot of the contract personnel.
i) This will form a record for making measurements and based upon these measurements, payment will be made.
j) They must carry out the work as per the instructions of the Engineer / Group Coordinator/or his representative.
k) The contractor shall deploy only qualified persons as stated in the technical specification.
l) Good quality leather safety shoes should be provided to all personnel by the contractor.
m) The contractor must ensure that his personnel are wearing the safety shoes regularly during their duty time.
n) The workmen shall be instructed to report to the respective group coordinator in his office, as per the working schedule, to receive day-to-day work instructions.
o) The technical assistant must not leave the work spot without the permission of the competent authority.
p) The technical assistant deployed for the work shall be polite, cordial, positive and efficient while

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working and their actions shall promote goodwill and enhance the image of the NCRA-TIFR.

q) The contractor shall be responsible for any act of indiscipline on the part of persons deployed by him.
r) All the deployed contract personnel will be given a time of 30 min for morning lunch. The workmen must adjust the break timings with the co-workers / NCRA-TIFR staff. The Engineer / Group Coordinator's decision on these issues will be the final.
s) In case of any damage made to any of the equipment/system due to the improper operation by the contractor's personnel, the same shall be either repaired or replaced, as decided by the Group Coordinator, at the contractor's cost.
t) The contractor shall beforehand select a sufficient number of persons for the work. The Group Coordinator, along with other experts, will meet the individuals in the presence of the contractor and will select them. In case during the contract period, any of the contract personnel leaves the job due to personal reasons, the contractor must immediately substitute with a proper person.
u) The deployed technical assistance shall be hard-working, healthy, competent and well-knowledgeable in the area of work.
v) The deployed supervisor should be able to read and speak/understand English to some extent. Apart from these requirements, the semi-skilled personnel must have English writing ability.
w) Department shall not be liable for any loss, damage, theft, or burglary of any personal belongings, equipment's etc. of the contractor or of his personnel.
x) The contractor shall strictly follow all provisions of the Contract Labour (Regulations & Abolitions) Act.

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SCHEDULE OF QUANTITIES AND RATES

1. GENERAL: The schedule of quantities is to be read for the purpose of pricing in conjunction with Important and Essential information to tenderers, General Rules and Directions for the guidance of the tenderers, Special instructions to the tenderers, Conditions of Contract, Scope of work and Technical Specifications and all the relevant annexures.
2. Quantities indicated in the Schedule of Quantities and Rates (SOQR) in BOQ are approximate and are subject to variation to suit additions/deletions in the scope of work and are subject to the overall variation in the tender contract value.
3. Month of completion of works, like No. of Operations etc. and the month of claim (Running Bill) shall be the same. In case of any dispute in this regard, the Centre's decision is final and binding on the contractor.
4. PRICES: The rate quoted by the bidders in the price schedule shall be firm for the entire duration of the contract (including extension, if any). The rate shall also include all elements of labour, supervision, Insurance, Transport, Safety, Labour cess, GST and profits together with all general risks, liabilities and obligations set forth or implied in the documents on which the tender is to be based. The quoted rate shall be inclusive of GST and shall be payable by the contractor and NCRA-TIFR will not entertain any claim whatsoever in this respect. Payment will be made on the basis of quantities actually measured, for the completed items of work, in accordance with the specification

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BILL OF QUANTITIES (BOQ) / SCHEDULE OF QUANTITIES AND RATES (SOQR)

SR. NO.	ITEM DESCRIPTION	UNIT	QTY	
1	Number of operations carried out by technical assistance (skilled) as per Table-1 and details mentioned in the scope of work in the tender document	Number of operations	320	
2	Number of operations carried out by technical assistance (semiskilled) as per Table-1 and details mentioned in the scope of work in the tender document.	Number of operations	320	
3	Number of operations carried out by technical assistance (semi skilled) as per Table-1 and details mentioned in the scope of work in the tender document	Number of operations	1280	
4	Number of operations carried out by Non-technical assistance (semi skilled) as per Table-1 and details mentioned in the scope of work in the tender document	Number of operations	320	
5	Number of operations carried out by Non-technical assistance (unskilled) as per Table-1 and details mentioned in the scope of work in the tender document	Number of operations	320	
				Total Rs.
				Add GST applicable Rs.
				Total Rs. (including GST)

Qty Variation shall be ± 10% .

Notes :

1. No. of operations is defined as 1 operation = 8 hours duty
2. No. of operations required for one year is mentioned in the above table.

Bidders shall not disclose or include any price/rate information in the above table and submit in Technical Bid. The Price Bid must be submitted separately only through the online BOQ (Excel) format

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Annexure-1

APPLICATION FORM

[On the letterhead of the applicant, including full postal address, email address and telephone no.]

Bid Ref. No.:_____ Date: _____

To,
The Centre Director
National Centre for Radio Astrophysics (NCRA)
Tata Institute of Fundamental Research (TIFR)
Savitribai Phule Pune University Campus
Ganeshkhind, Pune – 411007, Maharashtra, INDIA

Sir,

Being duly authorized to represent and act on behalf of (hereinafter referred to as "the Applicant") and having reviewed and fully understood all the pre-qualification criteria provided, the undersigned hereby applies to be pre-qualified by yourselves as a tenderer for award of work(s) for **Tender for Providing technical assistance for the day-to-day operation, maintenance and upkeep of the various systems/ structures/ electrical equipment/s, DG Sets, UPS's, AC machines under the Electrical group at GMRT Khodad, Dist-Pune**

1. Attached to this letter are copies or original documents defining:
   A. the applicant's legal status
   B. the principal place of business
   C. the place of incorporation (for applicants who are corporations) or the place of registration and the nationality of the owners (for applicants who are partnerships or individually owned firms)
   D. All Annexure.

2. Your agency and its authorized representatives are hereby authorized to conduct any inquiries or investigations to verify the statements, documents and information submitted in connection with this application, and to seek clarification from our bankers and clients regarding any financial and technical aspects. This letter of application will also serve as authorization to any individual or authorized representative or any institution referred to in the supporting information, to provide such information deemed necessary and requested by you to verify statements and information provided in this application, or with regard to the resources, experience, and competence of the Applicant.

3. Your agency and its authorized representatives may contact the following persons for further information on general, personnel, technical and financial enquiries.

Contact 1: Name, email and Phone no.

Contact 2: Name, email and phone no.

4. This application is made with the full understanding that:

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A. Bids submitted by applicants will be subject to verification of all information submitted at the time of bidding.
B. Your agency reserves the right to:
    - amend the scope and value of the contract/bid under this project; in such event, bids will only be called from pre-qualified bidders who meet the revised requirements; and
    - reject or accept any application, cancel the pre-qualification process, and reject all applications without assigning reasons or incurring any liability thereof; and
C. Your agency shall not be liable for any such actions and shall be under no obligation to inform the applicant.

The undersigned declares that statements made and the information provided in the duly completed application are true and correct in every detail.

_____

Authorized Signatory (signature in full):

Name:

Designation:

Seal of the Firm/Company:

Stamp and Signature of the Bidder

BIDDER'S DETAILS
(To be printed on letterhead)

1	Name of the Firm/ Company		
2	Address of the Firm/ Communication Address:		
3	Name and Designation of Authorised Signatory		
4	Mobile No.:		
5	Telephone No.:		
6	E-Mail ID:		
7	Website:		
8	GST Registration Number:		
9	PAN Number:		
10	Firm's Bank Account details	Bank Account No.:	
		Name of the Bank:	
		IFSC Code No:	
		Name of Branch:	
11	Communication details of the concerned contact person to whom all references shall be made regarding this tender enquiry		
a)	Name of Person:		
b)	Designation:		

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c)	Mobile No:	
d)	E-Mail ID:	

_____

Authorised Signatory and Seal of the Firm/ Company

Name :

Designation :

Stamp and Signature of the Bidder

DECLARATION REGARDING NON-BLACKLISTING / DEBARMENT

(To be printed on letterhead)

Enquiry / Tender No.: _____

1. I/We _____ (Applicant) hereby declare that our firm/company namely M/s_____ has not been blacklisted or debarred in the past by the Central Govt. / State Govt. / Public Sector Undertaking/ Universities/ Research Institutions or any other Govt. organization from taking part in Government Tender.

(OR)

2. I/We _____ (Applicant) hereby declare that our firm/company namely M/s. _____ was blacklisted or debarred by the Central Govt. / State Govt. / Public Sector Undertaking/ Universities/ Research Institutions or any other Govt. organization from taking part in Government Tender for a period of ___ years w.e.f._____ to _____.

   The period is over on_____ and now the firm/company is entitled to take part in the Government Tender.

** Please strike off whichever is not applicable*

_____

Authorised Signatory and Seal of the Firm/ Company

Name :

Designation :

Email Address:

Stamp and Signature of the Bidder

CERTIFICATE OF COMPLIANCE
(To be printed on letterhead)

Enquiry / Tender No.: _____

To,
The Centre Director
National Centre for Radio Astrophysics (NCRA)
Tata Institute of Fundamental Research (TIFR)
Savitribai Phule Pune University Campus
Ganeshkhind, Pune – 411007, Maharashtra, INDIA

Sub.: Restrictions on procurement from Bidders from a country or countries or a class of countries under Rule 144(xi) of the General Financial Rules 2017 -reg.

Sir,

"We have read the clause regarding restrictions on procurement from a Bidder of a country which shares a land border with India; and solemnly certify that we are not from such a country or, if from such a country, we are registered with the Competent Authority (copy enclosed). We hereby certify that we fulfil all requirements in this regard and are eligible to be considered."

Penalties for false or misleading declarations:

We hereby confirm that the particulars given above are factually correct and nothing is concealed and also undertake to advise of any future changes to the above details. We understood that any wrong or misleading self-declaration by us would be a violation of the Code of Integrity and would attract penalties as mentioned in this tender document, including debarment.

_____

Authorised Signatory and Seal of the Firm/ Company

Name :

Designation :

Email Address:

Stamp and Signature of the Bidder

ACCEPTANCE OF TERMS & CONDITIONS OF TENDER
(To be printed on letterhead)

Enquiry / Tender No.: _____

To,
The Centre Director
National Centre for Radio Astrophysics (NCRA)
Tata Institute of Fundamental Research (TIFR)
Savitribai Phule Pune University Campus
Ganeshkhind, Pune – 411007, Maharashtra, INDIA

Sub.: Acceptance of Terms & Conditions of Tender -reg.

Sir,

I/We hereby certify that I/we have read the entire technical specifications, bid-specific terms and conditions and buyer-added terms and conditions of the subject bid (including all documents like annexure(s), etc.), which form part of the contract agreement and I/we shall abide by the terms/conditions/clauses contained therein.

I/We hereby unconditionally accept the tender conditions of the above-mentioned bid document(s) / corrigendum(s) in its totality/entirety.

Thanking you,

_____

Authorised Signatory and Seal of the Firm/ Company

Name :

Designation :

Email Address:

Stamp and Signature of the Bidder

Annexure-6

SOLVENCY CERTIFICATE

(Certificate from A Nationalized / Scheduled Commercial Bank)

This is to certify that to the best of our knowledge and information, M/s. _____, Sh._____ having its registered / office address at _____, is a customer of our Bank and is considered financially sound and capable of undertaking financial commitments up to a limit of ₹_____ (Rupees _____ only).

Signature: _____
Name & Designation: _____
For _____

Bank Seal

Note:

1) *The Bank Solvency Certificate shall be issued on the letterhead of the Bank, duly signed and sealed, and submitted in a sealed cover addressed to the Tendering Authority.*

2) *In the case of a partnership firm, the certificate shall include the names of all partners as recorded with the Bank.*

Stamp and Signature of the Bidder

AVERAGE ANNUAL FINANCIAL TURNOVER

(On the letterhead of a Chartered Accountant / Cost Accountant)

Bidders Name: _____

Financial Year	Turnover
2023-24	
2024-25	
2025-26	
Average Annual Financial Turnover	

As per the audited balance sheet and profit & loss account of the relevant period, duly authenticated by a Chartered Accountant / Cost Accountant.

For _____

Chartered Accountants / Cost Accountant

Name and Signature

Company Seal

Date

Stamp and Signature of the Bidder

Annexure-8

EXPERIENCE OF COMPLETION OF PROJECTS OF SIMILAR NATURE & COMPLEXITY

(During the last seven years i.e. prior to 31.10.2026)

Sl. No.	Name of work / project and location	Owner or sponsoring organization	Cost of work in Lakhs	Date of commence ment as per contract	Stipulated date of completion	Actual date of completion	Name and address / telephone number of officer to Whom reference may be made	Rem arks

NOTE: Please attach supporting documents (completion certificates along with order copies) for the above information.

Authorized Signatory (signature in full):

Name:

Designation:

Seal of the Firm/Company:

Stamp and Signature of the Bidder

LITIGATION DETAILS

(COURT CASES / ARBITRATION)

Year	Name of the work	Name of the Client, with Address	Title of the court Case / Arbitration	Details of the Court/ Arbitrator	Status Pending / Decided	Disputed Amount (Current Value, the equivalent) in case of Court Cases / arbitration	Actual Awarded Amount (Rs) in decided Court Cases / arbitration

_____

Authorized Signatory (signature in full):

Name:

Designation:

Seal of the Firm/Company:

Stamp and Signature of the Bidder

TECHNICAL RESOURCES DETAILS

Sl. No.	Name of Staff	Qualification	Designation	Years of Experience / Specialisation	Remarks

_____

Authorized Signatory (signature in full):

Name:

Designation:

Seal of the Firm/Company:

Stamp and Signature of the Bidder

FORM OF AGREEMENT

(To be executed at the time of awarding the contract)

This Agreement made on the _____day of _____ 2026, between National Centre for Radio Astrophysics-Tata Institute of Fundamental Research (NCRA-TIFR), Pune for the entering into work(s) for **Tender for Providing technical assistance for the day-to-day operation, maintenance and upkeep of the various systems/ structures/ electrical equipment/s, DG Sets, UPS's, AC machines under the Electrical group at GMRT Khodad, Dist-Pune** (hereinafter called "The Centre") who enters into this Agreement of the one party and M/s. …… (hereinafter called "The Supplier") of the other party.

Whereas the Employer is desirous that certain works should be executed by the Contractor *viz.* _____ ("the Works") and has accepted a Bid by the Contractor for the execution and completion of the works and the remedying of any defects therein.

Now this Agreement is witnessed as follows:

1. In this Agreement, words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to.
2. The following documents shall be deemed to form and be read and construed as part of this Agreement, *viz.*
    A. The Letter of Award
    B. The said Bid
    C. The General Conditions of Contract
    D. Prequalification document
    E. Instructions to Tenderers and Specific Conditions of Contract
    F. The Specification
    G. The Drawings
    H. The Financial Bid
    I. Any other relevant documents referred to in this Agreement or in the aforementioned documents

3. In consideration of the payments to be made by the Employer to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Employer to execute and complete the Works and remedy any defects therein in conformity with all respects with the provisions of this work.
4. The Employer hereby covenants to pay the Contractor in consideration of the execution and completion of the Works and the remedying of defects therein, the Contract Price or only such other sums as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

In Witness whereof, the parties hereto have caused this Agreement to be executed on the day and year first before written.

Signed, Sealed, and Delivered by the Said

_____ _____

Binding Signature for and on behalf of GMRT/NCRA-TIFR, Pune.

Binding Signature of Contractor

In the presence of:

Witness (1):

Witness (2):

Stamp and Signature of the Bidder

PROFORMA FOR PERFORMANCE BANK GUARANTEE

(To be executed by the successful bidder on a stamp paper of Rs. 500
from any Nationalised Bank or Scheduled Bank)

In consideration of the NATIONAL CENTER FOR RADIO ASTROPHYSICS - TATA INSTITUTE OF FUNDAMENTAL RESEARCH (hereinafter called "NCRA-TIFR") having agreed under the terms and conditions of Work Order No_____dated _____ made between NCRA-TIFR and M/s. _____ (hereinafter called "the said Contractor(s)") for the work (hereinafter called "the said Work Order") having agreed to production of an irrevocable bank Guarantee for Rs._____ (Rupees _____Only

only), as a security/guarantee from the contractor(s) for compliance of his obligations in accordance with the terms and conditions in the said Work Order, we_____(Indicate the name of the Bank) (hereinafter referred to as "the Bank") hereby undertake to pay to the NCRA-TIFR an amount not exceeding Rs. _____ (Rs _____ only) on demand by the NCRA-TIFR.

2. We (indicate the name of Bank) do hereby undertake to pay the amounts due and payable under this guarantee without any demur, merely on a demand from the NCRA-TIFR stating that the amount claimed is required to meet the recoveries due or likely to be due from the said Contractor(s). Any such demand made on the bank shall be conclusive as regards the amount due and payable by the Bank under this guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs…… (Rupees only).

3. We, the said bank, further undertake to pay to the NCRA-TIFR any money so demanded, notwithstanding any dispute or disputes raised by the Contractor(s) in any suit or proceeding pending before any Court or Tribunal relating thereto, our liability under this present being absolute and unequivocal. The payment made by us under this bond shall be a valid discharge of our liability for payment thereunder and the Contractor(s) shall have no claim against us for making such payment.

4. We_____(indicate the name of Bank) further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said Work Order and that it shall continue to be enforceable till all the dues of the NCRA-TIFR under or by virtue of the Work order have been fully paid and its claims satisfied or discharged or Purchase Officer on behalf of the NCRA-TIFR certifies that the terms and conditions of the said Work Order have been fully and properly carried out by the said Contractor(s) and accordingly discharges this guarantee.

5. We …… (indicate the name of Bank) further agree with the NCRA-TIFR that the NCRA-TIFR shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said Work Order or to extend time of performance by the said Contractor(s) from time to time or to postpone for any time or from time to time any

Stamp and Signature of the Bidder

of the powers exercisable by the NCRA-TIFR against the said Contractor(s) and to forbear or enforce any of the terms and conditions relating to the said Work Order and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said Contractor(s) or for any forbearance, act of omission on the part of the NCRA-TIFR or any indulgence by the NCRA-TIFR to the said Contractor(s) or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.

6. This guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor(s).

7. We, _____(indicate the name of Bank) lastly undertake not to revoke this guarantee except with the previous consent of the NCRA-TIFR in writing.

8. This guarantee shall be valid up to _____ unless extended on demand by NCRA-TIFR. Notwithstanding anything mentioned above, our liability against this guarantee is restricted to Rs._____ (Rupees _____only) and unless a claim in writing is lodged with us within six months of the date of expiry or the extended date of expiry of this guarantee, all our liability under this guarantee shall stand discharged.

Signed and sealed,

Dated the ……. day of ……. for

(indicate the name of Bank)

* * (Note: The Letter of Intent shall form part of the Agreement)

Stamp and Signature of the Bidder

FORMAT OF INDEMNITY BOND

(To be executed by the successful bidder on **Rs. 500/-** Non-Judicial Stamp Paper duly notarized)

Work Order No. _____ dated _____

In consideration of the National Centre for Radio Astrophysics - Tata Institute of Fundamental Research (NCRA/TIFR) having office at Savitribai Phule Pune University Campus, Ganeshkhind, Pune 411 007, hereinafter referred to as "The Institute", which expression shall, unless it be repugnant to the context or meaning thereof, include its successors and assignors having awarded to M/s. _____ _____having registered office at _____, a firm carrying in such name and style the business of _____ (hereinafter referred to as "The Contractor " which expression shall unless it be repugnant to the context or meaning; thereof, include its partner(s) / proprietor(s) for the time being or its surviving partner(s) or its heirs and executors, administrators and assignees, its successors and assignors) the contract for _____and in compliance with the terms and conditions of the said contract.

We M/s. _____being the contractor shall save harmless and indemnify the Institute in respect of:

1) Any expenses arising from any injury or accident or death of workers hired for this work or damage to the property of any third party.
2) Any claim made under any Act of Government or otherwise in respect of injury or damage as aforesaid.
3) Any award of compensation or damages upon any claim as above.
4) Any claim against the Institute by any member of the public or other third party in respect of anything which may arise in respect of the works or in consequence thereof.
5) Any claim which may be made upon the Institute, whether under the Workman's Compensation Act or any other statute in force during the currency of this contract or of common law in respect of any worker of the contractor/or their family member(s) or of his sub-contractor(s).
6) Any costs, charges or expenses arising out of any claim or proceeding and in respect of any award of compensation or damages arising therefrom.

We also hereby confirm that we have taken Workman's Compensation Policy No._____ dtd. _____ valid till _____ for _____ persons deployed for work awarded to us against the above-cited order form M/s._____

For and on behalf of M/s. _____

Date:

S E A L

Accepted By

for and on behalf of GMRT/NCRA-TIFR, Pune

Stamp and Signature of the Bidder

CERTIFICATE OF VISIT TO THE SITE

Bid Ref. No.: NCRA:WF099:CPPP:2026-27/ Date: _____

To,
The Centre Director
National Centre for Radio Astrophysics (NCRA)
Tata Institute of Fundamental Research (TIFR)
Savitribai Phule Pune University Campus
Ganeshkhind, Pune – 411007, Maharashtra, INDIA

Dear Sir,

With reference to your tender mentioned above, we have visited and have understood the scope of work and conditions of the site:

Giant Metrewave Radio Telescope (GMRT)
National Centre for Radio Astrophysics (NCRA)
Tata Institute of Fundamental Research (TIFR)
Khodad, Near Narayangaon, Tal. Junnar, Dist. Pune 410504

where the tendered work is to be carried out.

Name & Signature of Bidder :

Designation :

Company Seal & Phone No. :

Date :

Name & Signature of Group Coordinator, /
It's Representative

Date :

Stamp and Signature of the Bidder

Format of Daily Work book/Sheet

Name of the Work :-	**Providing technical assistance for the day-to-day operation, maintenance and upkeep of the various systems/ structures/ electrical equipment/s, DG Sets, UPS's, AC machines under the Electrical group at GMRT Khodad, Dist-Pune**
Location of Work :-	
Contractor Name :-	
Name of the Group Co-ordinator:-	
Contract Period: -	

Daily Work Book

Date	Section	Location	Description of Work	No. of Resources Deployed	No. of Hours worked	Contractor Supervisor Signature	GMRT Signature

Stamp and Signature of the Bidder

File No. 6/1/2026-VDA
Government of India
Ministry of Labour & Employment
Labour Bureau
Chandigarh

Dated: 30 September, 2026

ORDER

In exercise of the powers conferred by Central Government vide Notification No. S.O. 2451(E) dated 12th May, 2026 of the Ministry of Labour and Employment the undersigned hereby revises the rates of Variable Dearness Allowance w.e.f. 01.10.2026 on the basis of the average Consumer Price Index for Industrial workers reaching 431.42 from 424.80 as on 30.06.2026 (linked to Base 2016=100) and thereby resulting in an increase of 6.62 points. The revised Variable Dearness Allowance as under shall be payable from 01.10.2026

The rates of Variable Dearness Allowance for employees employed in **Construction Or Maintenance Of Roads Or Runways Or In Building Operations Including Laying Down Underground Electric, Wireless, Radio, Television, Telephone, Telegraph And Overseas Communication Cables And Similar Other Underground Cabling Work, Electric Lines, Water Supply Lines And Sewerage Pipe Lines.**

Category of worker	Rates of V.D.A. Area wise per day (in Rupees)		
	A	B	C
Unskilled	317	267	215
Semi-Skilled/Unskilled Supervisory	354	300	251
Skilled/Clerical	387	354	300
Highly Skilled	418	387	354

Therefore the minimum rates of wages showing the basic rates and Variable Dearness Allowance payable w.e.f. 01.10.2026 will be as under :-

Category of worker	Rates of wages including V.D.A. (in Rupees)		
	A Area	B Area	C Area
Unskilled	523 + 317 = 840	437 + 267 = 704	350 + 215 = 565
Semi-Skilled/Unskilled Supervisory	579 + 354 = 933	494 + 300 = 794	410 + 251 = 661
Skilled/ Clerical	637 + 387 = 1024	579 + 354 = 933	494 + 300 = 794
Highly Skilled	693 + 418 = 1111	637 + 387 = 1024	579 + 354 = 933

The VDA has been rounded off to the next higher rupee as per the decision of the Minimum Wages Advisory Board.

Stan

The classification of workers under different categories will be same as in Part-I of the Notification No. S.O. 188(E) dated 19th January, 2017 of the Ministry of Labour and Employment, whereas classification of cities will be same as in the Part-II of the notification dated 19th January, 2017. The present classification of cities into areas A, B & C is enclosed at Annexure I for ready reference.

The instant notification is being issued in pursuance of sub-section (2) of Section 69 of the Code on Wages, 2019 (29 of 2019).

(Shyam Singh Negi)
Director General
Labour Bureau

Stamp and Signature of the Bidder