

राष्ट्रीय रेडियो खगोलभौतिकी केंद्र
National Centre for Radio Astrophysics
टाटा मूलभूत अनुसंधान संस्थान

Tata Institute of Fundamental Research

गणेशखिंड डाकघर, सावित्रीबाई फुले पुणे विश्वविद्यालय परिसर, पुणे- 411007, महाराष्ट्र, दूरभाष : 020-2571- 9000/9111/9242
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CORRIGENDUM-I

05.06.2026

Tender No.: NCRA:WF020:CPPP:2026-27

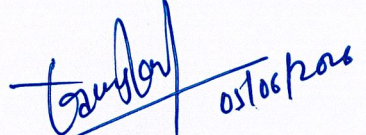
CPPP ID No. 2026_DAE_909637_1 dt.. 25.05.2026

Tender Title: Construction Of Civil Structure for 18 Metre Antenna at the GMRT Observatory
Khodad, Tal Junnar, Dist Pune 410504, Maharashtra

- 1) The Pre-Bid Meeting for the above-mentioned tender was held on 04.06.2026 at 10:00 AM at the Giant Metrewave Radio Telescope (GMRT), Khodad, Pune.
- 2) In this regard, the replies to the queries raised by the prospective bidders during the Pre-Bid Meeting are enclosed herewith as **Annexure-I** and shall form an integral part of the Tender Document.
- 3) Further, the Soil Investigation Report relevant to the work is also enclosed for information and reference of the bidders.

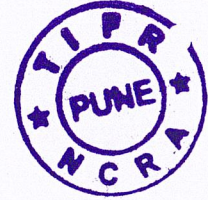
All prospective bidders are requested to take note of the above and submit their bids accordingly.

All other terms and conditions of the Tender Document shall remain unchanged.


Administrative Officer-C (P&S)

Enclosures:

1. Annexure-I – Reply to Pre-Bid Queries
2. Soil Investigation Report.



CORRIGENDUM-1
ANNEXURE-A

Pre-Bid Meeting Queries and Remarks

Name of Work: Construction of Civil Structure for 18 Metre Antenna at the GMRT Observatory, Khodad, Tal. Junnar, Dist. Pune – 410504,

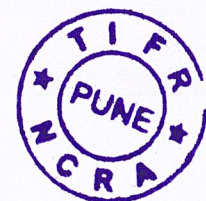
Tender No:- NCRA:WF020:CPPP:2026-27, Dtd: 25-05-2026

Tender Id - 2026 DAE 909637 1

Pre-Bid Meeting Held On: 04-06-2026 **AT 10.00 am**

Venue: Conference Room, GMRT Observatory, Khodad

Sl.no	Category	Queries Raised by Bidders	Remarks / Clarifications by NCRA-TIFR
1	Purchase	Queries regarding submission of Performance Guarantee and Security Deposit	Submission of Performance Guarantee and Security Deposit shall be as per the tender conditions specified under Part-B (Section-I), Clauses C & D.
2	Civil	Availability of water for construction purposes.	Please refer to Clause No. 44 of Part-E – Clauses of Contract.
3	Civil	Item No. 10 – Provision for additional cement.	This item has been included to account for any additional cement requirement arising due to variations in the approved design mix cement content.
4	Electrical	Electrical connection for the construction site and labour hutment.	Electrical connection for construction activities shall be provided as per Clause No. 45 of Part-E – Clauses of Contract. The contractor shall arrange all necessary materials, accessories, wiring, distribution boards, protection devices, and other related items required for providing electrical connections to both the labour hutment and the construction site at his own cost.
5	Civil	Whether site mixing is permitted for RCC works.	Site mixing is permitted only up to M15 grade concrete. For grades above M15, site mixing shall not be allowed.
6	Civil	Details of steel reinforcement diameters.	Reinforcement details shall be provided through approved construction drawings during project execution.
7	Civil	Requirement of Geotechnical Investigation Report.	The Geotechnical Investigation Report pertaining to the proposed construction site has been attached for reference
8	General Administration	Location for labour hutment.	A designated area for the labour hutment will be provided near the GMRT Main Gate (outside the campus premises). The contractor shall arrange all necessary materials and facilities required for establishing the labour hutment, including barricading, fencing, sanitation facilities, safety measures, and other related infrastructure, at his own cost and in compliance with applicable labour and safety regulations.
9	General Administration	Entry procedure for labourers from the labour camp to the work site.	The contractor shall submit copies of Aadhaar Cards of all workers proposed for deployment at site. The contractor shall also issue company identity cards and maintain a register of workers at the main entrance gate.
10	General Administration	Use of vehicles for transportation between labour camp and construction site.	Only diesel-operated vehicles shall be permitted inside the campus for transportation of labour and materials. Two-wheelers and petrol-operated vehicles shall not be allowed.
11	General Administration	Provision of storage room near the construction site.	The contractor may construct adequate storage facilities near the work site. All arrangements related to safety, security, fencing, and maintenance of such facilities shall be within the contractor's scope.
12	Civil	Installation of rails at terrace level.	As the project involves coordination with the Mechanical Department of GMRT, the Civil Contractor or the Contractor's Project Engineer/Representative shall remain present at site during installation of rails at terrace level.



CLIENT National Center for Radio Astrophysics, TIFR PROJECT LOCATION Khodad, Junnar

PROJECT NAME Arvi Tower Antenna GMRT Khodad, Junnar

DATE STARTED 18-6-24 COMPLETED 21-6-24 GROUND ELEVATION 0 m HOLE SIZE NX

NORTHING 2111424.53 m EASTING 400272.34 m

DRILLING METHOD Rotary Drilling WATER LEVEL -

LOGGED BY Nisha Pujari CHECKED BY Dr Govind Joshi APPROVED BY Siddharth Kulkarni

NOTES -

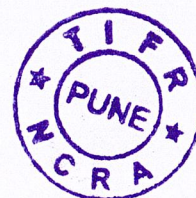
DEPTH (m)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	TCR %	RQD %	WEATHERING GRADE	SPT N VALUE ▲	
								0	60
								PERCENT CORE RECOVERY	
								0	100
		Topsoil with murrum	NR						
1.50									
2		Completely weathered, brownish grey, fine grained, fractured and jointed, Basalt	RC SP		0	0	W5		
3.00									
4		Completely weathered, brownish grey, fine grained, fractured and jointed, Basalt	RC SP		0	0	W5		
4.50									
6		Highly weathered, brownish grey, fine grained, fractured and jointed, Compact Basalt	RC 1-15		53	17	W4	53	
6.00									
8		Moderately weathered, brownish grey, fine grained, fractured and jointed, Compact Basalt	RC 16-31		43	0	W3	43	
7.50									
8		Moderately weathered, brownish grey, fine grained, fractured and jointed, Compact Basalt	RC 32-43		50	8	W3	50	
9.00									
10		Moderately to Slightly weathered, brownish grey, fine grained, fractured and jointed, Compact Basalt	RC 44-52		44	0	W2	44	
10.00									

Graphics Legend: Bottom of borehole at 10.0 meters

Topsoil
 Basalt
 No Recovery
 Rock Core

Sampler Legend:
 Rock Core

Abbreviations:
 TCR = Total Core Recovery
 RQD = Rock Quality Designation
 NR = No Recovery
 RC = Rock Core



CLIENT National Center for Radio Astrophysics, TIFR PROJECT LOCATION Khodad, Junnar

PROJECT NAME Arvi Tower Antenna GMRT Khodad, Junnar

DATE STARTED 22-6-24 COMPLETED 25-6-24 GROUND ELEVATION 0 m HOLE SIZE NX

NORTHING 2111409.1 m EASTING 400283.95 m

DRILLING METHOD Rotary Drilling WATER LEVEL -

LOGGED BY Nisha Pujari CHECKED BY Dr Govind Joshi APPROVED BY Siddharth Kulkarni

NOTES -

DEPTH (m)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	TCR %	RQD %	WEATHERING GRADE	SPT N VALUE ▲	
								0 12 24 36 48 60	PERCENT CORE RECOVERY
		Topsoil with murrum	NR						
2		Completly weathered, yellowish grey, fine grained, fractured and jointed, Basalt	RC SP		0	0	W5 0		
4		Completly weathered, yellowish grey, fine grained, fractured and jointed, Basalt	RC SP		0	0	W5 0		
6		Completly weathered, yellowish grey, fine grained, fractured and jointed, Basalt	RC SP		0	0	W5 0		
8		Highly weathered, yellowish grey, fine grained, fractured and jointed, Basalt	RC 1-16		69	8	W4	69	
10		Highly to Moderately weathered, yellowish grey, fine grained, fractured and jointed, Basalt	RC 17-23		63	49	W3	63	

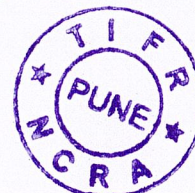
Graphics Legend: Bottom of borehole at 10.0 meters

Topsoil Basalt

Sampler Legend:

No Recovery Rock Core

Abbreviations:
TCR = Total Core Recovery
RQD = Rock Quality Designation
NR = No Recovery
RC = Rock Core



CLIENT National Center for Radio Astrophysics, TIFR PROJECT LOCATION Khodad, Junnar

PROJECT NAME Arvi Tower Antenna GMRT Khodad, Junnar

DATE STARTED 26-6-24 COMPLETED 30-6-24 GROUND ELEVATION 0 m HOLE SIZE NX

NORTHING 2111409.22 m EASTING 400260.57 m

DRILLING METHOD Rotary Drilling WATER LEVEL -

LOGGED BY Nisha Pujari CHECKED BY Dr Govind Joshi APPROVED BY Siddharth Kulkarni

NOTES -

DEPTH (m)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	TCR %	RQD %	WEATHERING GRADE	▲ SPT N VALUE ▲	
								0	12 24 36 48 60
								PERCENT CORE RECOVERY	
								0	20 40 60 80 100
		Topsoil with murrum	NR						
1.50									
2		Highly weathered, brownish grey, fine grained, fractured and jointed, Compact Basalt	RC 1-3		8	0	W4	8	
3.00									
4		Highly weathered, brownish grey, fine grained, fractured and jointed, Compact Basalt	RC 4-5		19	0	W4	19	
4.50									
6		Highly weathered, brownish grey, fine grained, fractured and jointed, Compact Basalt	RC 6-8		19	0	W4	19	
6.00									
8		Moderately weathered, brownish grey, fine grained, fractured and jointed, Amygdaloidal Basalt	RC 9-12		27	0	W3	27	
7.50									
8		Moderately weathered, brownish grey, fine grained, fractured and jointed, Compact Basalt	RC 13-23		51	23	W3	51	
9.00									
10		Moderately to Slightly weathered, brownish grey, fine grained, fractured and jointed, Compact Basalt	RC 24-33		63	0	W3	63	
10.00									

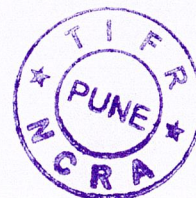
Graphics Legend: Bottom of borehole at 10.0 meters

Topsoil Basalt

Sampler Legend:

No Recovery Rock Core

Abbreviations:
TCR = Total Core Recovery
RQD = Rock Quality Designation
NR = No Recovery
RC = Rock Core



CLIENT National Center for Radio Astrophysics, TIFR PROJECT LOCATION Khodad, Junnar

PROJECT NAME Arvi Tower Antenna GMRT Khodad, Junnar

DATE STARTED 18-5-24 COMPLETED 19-5-24 GROUND ELEVATION 0 m HOLE SIZE NX

NORTHING 2111112.93 m EASTING 400481.07 m

DRILLING METHOD Rotary Drilling WATER LEVEL -

LOGGED BY Khushi Gorakh CHECKED BY Dr Govind Joshi APPROVED BY Siddharth Kulkarni

NOTES -

DEPTH (m)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	TCR %	RQD %	WEATHERING GRADE	SPT N VALUE ▲	
								0	60
								PERCENT CORE RECOVERY	
								0	100
		Topsoil with murrum	○ NR						
2		Brownish Grey, Very Dense, Sand	⊗ SPT	16-24-28 (52)					
		Brownish Grey, Very Dense, Sand	○ NR						
4		Brownish Dense Well graded silty sand	⊗ SPT	18-22-23 (45)					
		Brownish Dense Well graded silty sand	○ NR						
6		Brownish Grey, Very Dense, Sand	⊗ SPT	18-25-29 (54)					
		Brownish Grey, Very Dense, Sand	○ NR						
8		Brownish Grey, Very Dense, Sand	⊗ SPT	51					
		Brownish Grey, Very Dense, Sand	○ NR						
10		Highly Weathered, Yellowish Brown, Fractured Amygdaloidal Basalt	█ RC 1-5		57	0		57	

Graphics Legend: Bottom of borehole at 10.0 meters

- Topsoil
- USCS Silty Sand
- USCS Well-graded Sand with Silt
- Basalt

Sampler Legend:

- No Recovery
- Rock Core
- Standard Penetration Test

Abbreviations:
TCR = Total Core Recovery
RQD = Rock Quality Designation
NR = No Recovery
RC = Rock Core
SPT = Standard Penetration Test

