PRASAR BHARATI
(INDIA's PUBLIC SERVICE BROADCASTER)
AKASHVANI AND DOORDARSHAN

Tender No.:	**ADG(BO)(NEZ)/ERECTIONOFTOWER/DW/2026-27-Part(1)**
Name of work :	**Design, Supply, Erection, Testing and Commissioning (DSETC) of 50 Meter Self Supporting Lattice Steel Tower including provisions of mounting for installation of VHF FM Antenna etc. for FM station at Akashvani Jiribam(Manipur).**

Dummy Price Bid

	Name of the Contractor					
Sl.No.	**Description of Items**	**Qty**	**Unit**	**HSN/SAC**	**GST %**	**Remarks**
A	**SUPPLY OF MATERIAL AT SITE (All the following items shall conform to detailed Akashvani Specification)**					
1	**Supply of 50M tower superstructure materials including Fabrication, Galvanizing as per Akashvani Specification complete as required.** **#Quantity in Metric Ton (MT) offered to be mentioned by tenderer.**		**MT**			
2	**ACCESSORIES**					
(i)	Supply of LED based Aviation Obstruction Light including beacon light (with twin aviation obstruction light arrangement in "ON" duty and 'STANDBY' mode with alarm) along with Sun-Switch, Control Panel (with MCBs, alarm indicators etc.), Power Supply Cable and accessories etc, complete as required.	**1**	**SET**			
(ii)	a) Supply of 3 Core, 6 Sq mm, Copper Conductor (Stranded), XLPE insulated, Sheathed, armoured, weather proof cable with lugs etc. complete as required.	**130**	**M**			
	b) Supply of 32 A, SP&N MCB along with weather proof metal boxes with multipoint power sockets and switches at base and each platforms,earthwireetc. complete as required.	**1**	**SET**			
(iii)	Supply of Vertical ladder material with Free Fall Prevention System complete as required.	**1**	**LOT**			
(iv)	Supply of Horizontal Cable Tray material as per specification complete as required. (Rate per meter shall be quoted)	**25**	**M**			
(v)	Supply of Vertical Cable Tray material as per specification complete as required. (Rate per meter shall be quoted)	**50**	**M**			
(vi)	Supply of Lightning Arrester material complete as required.	**1**	**SET**			
(vii)	Supply of tower earthing system materials for 50 M tower (4 Nos. earthing) along with copper strips as per AIR specification.	**1**	**LOT**			
(viii)	Supply of 100 mm inner dia. Class "C', seamless GI pipe of 18 m length	**1**	**JOB**			
3	Submission of working structural drawings of 50M tower (for foundation and tower structure) as per AIR specification to: a) AIR Station -1 set b) Zonal Office -1 Set c) DG: AIR -1 Set	**3**	**SETS**			
4	Submission of certified inspection report for structural safety & firmness, verticality and all other design specifications by IITs, NIT's or any of the recognized Govt. Institution(s) after erection of tower to Zonal ADG (E).	**2**	**SETS**			

5	Submission of Completion Report (soft & hard copies) including photographs showing complete tower as well as each section of 20 M length from base to top, horizontal cable tray and foundation processes starting of excavation, steel layout and reinforcements etc. to leveled finished foundation to: a) AIR Station -1 set b) Zonal Office -1 Set c) DG: AIR -1 Set	**3**	**SETS**			
6	Any other items required for the completeness of the system. Items wise details (including part No., if any) are to be given by the tenderer.	**1**	**SET**			
B	**WORKS (All the following works shall conform to detailed Akashvani Specification)**					
1	Design of 50M tower & foundation as per AIR specifications and Submission of SERC/IIT approved design documents and design drawings (soft & hard copies) duly signed & stamped by competent authority and working structural drawings of 50M tower (for foundation and tower structure) as per AIR specification to Zonal ADG (E)	**1**	**JOB**			
2	Erection, Testing and Commissioning of 50 M Self Supporting Lattice Steel tower at site as per AIR specification complete as required	**1**	**JOB**			
3	Casting of tower foundation including Supply of complete raw materials, hardware, labour, site clearance etc. as per AIR specification complete as required.	**1**	**JOB**			
4	Soil testing with detailed report & document.	**1**	**JOB**			
5	Fixing of LED based Aviation Obstruction Lights along with cable & MCB complete as required.	**1**	**JOB**			
6	Painting of tower including paint materials complete as required.	**1**	**JOB**			
7	Earthing work for tower (4 Nos, earthing) complete as per AIR specification	**1**	**JOB**			
8	Tower Lightning Arrester installation work complete as required.	**1**	**JOB**			
9	Fixing of 100 mm inner dia. Class 'C', seamless GI pipe of 18 M length for mounting provisions for VHF FM Antenna complete as required.	**1**	**JOB**			
10	Fixing of Vertical ladder with Free Fall Prevention System complete as required.	**1**	**JOB**			
11	Fixing of Vertical Cable Tray with clamps complete as required. (Rate per meter shall be quoted)	**50**	**M**			
12	Fixing of Horizontal Cable Tray with clamps complete as required. (Rate per meter shall be quoted)	**25**	**M**			
13	Laying of Power Supply Cable and fixing of weather proof metal boxes with Multipoint Power sockets and switches at base and each platforms, fixing of 32 A, SP&N, MCB including connections, testing etc. complete as required.	**1**	**JOB**			
14	Pre-dispatch inspection of tower materials at the works of OEM/tower manufacturer	**1**	**JOB**			
15	Additional charges for reduced soil bearing capacity below 8.2 MT/Sq. M for every 0.55 MT/Sq. M decrease.	**1**	**JOB**			

16	Any other works required for the completion of DSETC. Break up details of work are to be given by the tenderer.	1	JOB			
C	(OPTIONAL) [The tenderer must quote all items]	1	JOB			
1	Hoisting of VHF FM Antenna & laying of RF Coaxial Cable as required.	1	JOB			