



सत्यम् शिवम् सुन्दरम्

**BY MAIL**

प्रसार भारती

( भारत का लोक सेवा प्रसारक )

कार्यालय: अपर महानिदेशक अभियन्ता (उ.क्षे.)

आकाशवाणी एवं दूरदर्शन

आठवां तल, सूचना भवन, सी.जी.ओ. कॉम्प्लेक्स, नई दिल्ली 110003

ई.मेल [rajkishoresingh3@prasarbharati.gov.in](mailto:rajkishoresingh3@prasarbharati.gov.in)

दिनांक: 05.08.2024

**Subject:** Shifting, hauling and fixing of 6 bay antenna with associated work at 300 mtr RCC tower Ramgarh, Jaisalmer (Rajasthan)

1. Bidders are requested to offer their feedback on the **Draft Tender** Specification of the upcoming tender.
2. Bidders are requested to provide information about percentage of Make in India content in the proposed requirement as per latest and updated DPIIT guidelines.
3. Bidders are requested to submit budgetary quote of the proposed requirements.
4. Bidders are requested to submit the above detail on or before due date by e-mail to [rajkishoresingh3@prasarbharati.gov.in](mailto:rajkishoresingh3@prasarbharati.gov.in) or at following address.

R. K. Singh  
Asstt. Director (Engg.)  
Room No. 899  
O/o ADG(E-NZ)  
Akashwani & Doordarshan,  
8<sup>th</sup> floor, CGO Complex,  
Soochna Bhawan, New Delhi-110003

**Specification for:** Shifting, hauling and fixing of 6 bay antenna with associated work at 300 mtr RCC tower Ramgarh, Jaisalmer (Rajasthan).

**Due Date to offer Comments:** 20.08.2024

**Enclosed:**

1. Shifting, hauling and fixing of 6 bay antenna with associated work at 300 mtr RCC tower Ramgarh, Jaisalmer (Rajasthan).
2. Specification for Shifting, hauling and fixing of 6 bay antenna with associated work at 300 mtr RCC tower Ramgarh, Jaisalmer (Rajasthan).

**R. K. Singh**  
**Assistant Director (Engg.)**  
**For Add. Director General (NZ)**



File No. – Jaisalmer/2V/3/2024-25/Instt./ (haulingantenna)

Date: 05.08.2024

**Budgetary Quotation Form**

**Project:** Setting up of 20kW (1+1) FM Transmitter at Akashvani HPT Ramgarh, Jaisalmer (Rajasthan).

**Subject:** Shifting, hauling and fixing of 6 bay antenna with associated work at 300 mtr RCC tower Ramgarh, Jaisalmer (Rajasthan)

Last date of receipt of budgetary quotation in this office: 20-08- 2024 upto 12:00Hrs.

Please read carefully the terms and conditions given the enquiry quotation form.

S.No.	Description	Qty	Rate	Amount
1.	Painting of Self supported 50 meter FM Tower on 250 mtr RCC tower and tray with one coat of primer and two coats of final paints including material at All India Radio FM site Ramgarh ,Jaisalmer (Rajasthan). as per specification (Annexure-1) and terms & conditions (Annexure-II) attached.	1 Job		
2	Shifting of 6 bay FM antenna with divider, branch feeder, tunner and associated equipment form D-6 Godown ,Mall road, Delhi to Ramgarh TV Tower, Jaisalmer including packing, loading, unloading and transit insurance .	1 Job		
3	Opening of 3-1/8" RF cables (2 Nos.) connection from existing TV antenna at height of approx 275 mtr and Measurement of RF cables at Transmitter end with termination at top end of cables. Re-fixing of 3-1/8" RF cable at suitable height (250 to 275 mtr) with providing and fixing SS clamp 25 nos. of size 3-1/8" dia.	1 Job		
4	Supply of 100 mm dia (OD) B Class pipe 18 meter and fixing with SS tower leg at height of (250 to 275 mtr) by providing C channel (100 X 50 X 6 mm) clamp & SS threaded road size 16mm (8 nos.)	1 Job		
5	Hoisting of 6 bay FM antenna with associated equipments on DD RCC Tower at height of (250 to 275 mtr) and connection with FM antenna and sealing with silicon sealant .	1 Job		
6	Measurement of 6 bay cable antenna at transmitter end of RF cable for VSWR, return loss, and matching percentage on given frequency and rectification if required.	1 Job		
7	Leakage test of RF Cable at transmitter end from dehydration and rectification of leakage if any.	1 Job		
8.	Any other work to complete the job.	1 Job		
	<b>Important Note:- (Must read carefully)</b> <ul style="list-style-type: none"><li>The Akashvani Ramgarh, Jaisalmer (Rajasthan) site is situated at remote and difficult climatic terrain of Rajasthan region and Akashvani Ramgarh is approx 80km from Jaisalmer City. So, bidders should take proper information about ground reality of the site before submitting the bid process.</li><li>All the above scope shall be carried out and completed strictly in presence of authorized representative of this office or HPT Ramgarh, Jaisalmer (Rajasthan).</li></ul>			
	<b>Total</b>			
	<b>GST@</b>			
	<b>Grand Total</b>			

**Note:**

- Time of execution as per permission of engineer incharge at HPT Ramgarh, Jaisalmer (Rajasthan).
- The bidder must be experienced in same kind of scope & shall submit documentary evidence with offer. The completion certificate is to be attached, issued by any Govt. Agency only.
- Execution of scope has to be completed without break in service at HPT Ramgarh, Jaisalmer (Rajasthan).
- Before submitting the offer tenderer must visit site and with prior permission of the site in-charge and submit confirmation of site visit. Technical details will be provided by In-charge of Site/I.O.
- The firm has to produce a list all such labour along with the address proof which are to be employed office on signing contract. The firm shall issue the identity cards to all such persons to facilitate the entry in at HPT Ramgarh, Jaisalmer (Rajasthan).
- Inspection will be carried out preferably in presence of authorized representative of O/o ADG (NZ), AIR & DD, 8th floor, Soochna Bhawan, CGO Complex, New Delhi-110003.
- Any damage or misplace in equipment will have to be provided by the firm during execution.

1. Quantity of Material & Scope of work may increase or decrease as per actual requirement/constraints at site.
2. Please read carefully the terms and conditions given in the enquiry form attached to this Quotation Form.
- a. GST: ..... PAN No: .....
- b. **Consignee:** Installation Officer, HPT Ramgarh, Jaisalmer (Rajasthan).
3. **Delivery Period** - 20kW (1+1) FM Transmitter at HPT Ramgarh, Jaisalmer (Rajasthan).
4. **Validity of Tender:** 120 days
5. **Terms of Payment:** Payment: (a) 97% payment after supply of material in good condition & work done satisfactory.  
(b) Balance 3 % will paid after guarantee period one year. However balance payment can be released against FDR of equal amount in favour of Chief Engineer (North Zone) AIR & Doordashan, Jamnagar House, New Delhi.
6. **Validity:** 120 days
7. **Payment terms:**
  - 97% Payment on completion/execution of scope in good condition at site.
  - Balance payment of 03% will be paid after guarantee/warranty period of one year. However payment can be released against FDR/Account Payee Demand Draft/Banker's Cheque of equivalent amount in favour of Chief Engineer (NZ), AIR & DD, New Delhi valid for guarantee period at least.
8. **Performance Security:**
  - The firm/supplier/contractor should submit performance security deposit in the form of FDR from a schedule commercial bank valid for one year in favour of Chief Engineer (NZ), AIR & DD, New Delhi.
  - The performance security deposit shall be 03% of cost of the order/contract value.
  - For release of security deposit/performance security, the firm will submit his claim along with a certificate from the ultimate consignee that equipment supplied/SITC executed against this order has performed satisfactorily during its warranty/guarantee period and department have not suffered any loss/inconvenience on this account.
9. **Declaration:** We declare that all the conditions as given in the quotation form have been read by us.



## Annexure I

1. Inspection of self support tower and tightening of all the nut-bolts of tower.
2. Submitting report about rust & deformities in member of tower ( if any)
3. Repainting of Self supported 50 meter FM Tower & tray with one coat of primer and two coats of final paints including material
4. Painting material, brush etc supplied by firm. Scope of work for Painting 50 meter Self supported Tower on 250 mtr RCC Tower.
5. All the personal working on tower should be insured. Firm shall be required to produce the insurance paper to the Work Supervisory Authority on demand.
6. The firm has to produce a list all such worker along with the address which are to be Employed Office on signing contract. The firm shall issue the identity cards to all such persons to facilitate the entry in Complex.
7. No chemicals of any kind whatsoever are to be used. The practice of mixing kerosene oil with paint is strictly forbidden.
8. The firm shall ensure that all the safety precautions are taken during the execution of Job like wearing of Helmets and safety belts etc
9. Scraping of old damaged paint with proper equipment/tools and cleaning all the dust particles.
10. Before applying The primer coat the physical status will be checked by the IO./authorized departmental person.
11. After applying single coat of primer (Zinc chromate). The primer coat shall be allowed to dry for minimum 48 hrs before the applying next coat of paint.
12. Painting of tower along with tray with enamel paint of reputed make such as Berger/Asian/of approved shade & colour or as per previously painted shade job include with all the material ,safety tools ,labour etc and other item required for completion of job.

### Scope of work for Painting 50 meter Tower on 250 mtr RCC tower.

1.	Name of Job	Painting of 50 meter Self supported Tower at All India Radio 20 kW FM site in Rajasthan.
2.	Locations where Tower painting is to be done along with the height and type is given the <b>Quotation form</b>	50 meter Self supported Tower All India Radio FM site Ramgarh, Jaisalmer (Rajasthan).
3.	Time allowed during the day for the painting	Subjected to the good visibility. Painting would not be carried out under the conditions in which water is liable to condense on the surface.
4.	Painting of Tower	The tower should be painted in alternative bands of international orange and white terminating with orange band both at top and bottom. There should be no alteration or change in existing system of band.
5.	Preparation of surface	All dust, dirt grease and rust if any, should be thoroughly removed with soap or detergent. After degreasing and cleaning when the surface is dry, without too much delay a coat of zinc chromate primer shall be applied. The primer coat shall be allowed to dry for a minimum of 72 hours before application of next coat of paints.
6.	Coats of paint	Two coats of paints shall be applied. The first coat shall be allowed to dry for at least 48 hours before the second coat is applied. The painting coat of high quality exterior gloss paint shall be applied.
7.	Specifications for painting	The primer, paint and thinner used should meet the under mentioned specification. <b>IS-2074-1962: Ready Mix paint red oxide Zinc Chrome priming.</b> <b>IS-2932-1964: Synthetic enamel exterior type paint..</b> <b>IS-1745-1961: Petroleum Hydrocarbon Solvents (Thinner).</b> All the paints for the different coats shall be compatible with each other and shall be of the same make
8.	Type of painting	Brush Painting

9.	Compliance	A point-by-point compliance statement in respect of all the points laid down in scope of work including acceptance of all terms and conditions of tender papers.
10.	Liquidated damages	The successful bidder will be required to complete the work within six weeks from the date of work order. If the bidder is unable to complete the work within the stipulated time after placing the order for reasons not attributable to him, the authority will allow such additional time as he may consider justified without liquidated damage and without altering the terms and conditions of bidder to complete the work within the stipulated time or extended time, the authority has the right to impose a liquidated damage @ ½% of the work contract value per week or part thereof. The bidder's liability for delay, however, shall not exceed 5% of the total material value
11.	Paying Authority	The O/o ADG (E) NZ, Soochna Bhawan, CGO Complex, New Delhi-110003.
12	<b>NOTE</b>	
a.	All the personal working on tower should be insured. Firm shall be required to produce the insurance paper to the Work Supervisory Authority on demand.	
b.	The firm has to produce a list all such worker along with the address which are to be Employed Office on signing contract. The firm shall issue the identity cards to all such persons to facilitate the entry in Complex.	
c.	No chemicals of any kind whatsoever are to be used. The practice of mixing kerosene oil with paint is strictly forbidden.	
d.	The firm shall ensure that all the safety precautions are taken during the execution of Job like wearing of Helmets and safety belts etc.	

Scraping of old damaged paint with proper equipment/tools and cleaning all the dust particles .Before applying

The primer coat the physical status will be checked by the IO./authorized departmental person. After applying single coat of primer (Zinc chromate). The primer coat shall be allowed to dry for minimum 48 hrs before the applying next coat of paint.

Painting of tower along with tray with enamel paint of reputed make such as Berger/Asian/of approved shade & colour or as per previously painted shade job include with all the material, safety tools, labour etc and other item required for completion of job.

### **Annexure-II**

#### **GENERAL TERMS AND CONDITIONS FOR SMOOTH EXECUTION OF WORK AT SITE:-**

1. All Tools, plants, implements, winch machine, labor and supervisors, as required, to be provided by the bidder. Bidder has to provide necessary insurance of the labour at his own cost before commencing the supply. Proper safety measure to be adhered by the bidder in respect of materials and manpower.

2. Other working systems should not be damaged causing disruption of ongoing Transmission. Any damage caused to the property at site while carrying out the work has to be made good by the Bidder at his own cost.

3. The bidder shall complete and include all minor/major items and accessories which may not have been enumerated in this scope of supply but which are useful and necessary for completion of supply at his own cost.
4. Prior approval of the purchaser, in writing, shall be obtained, if the bidder desires to sublet or assign any section of the work associated with supply. Such permission of consent shall not, however discharge the bidder from his liabilities in this contract or any part thereof.
5. The bidder shall make his own arrangements for the storage of materials and their safe custody at site for the entire SUPPLY.
6. Bidder shall repair all damages to the purchaser's building, property, equipment etc. whatsoever arising from the project and in the course of such supply and throughout the period during which the safety of property of the purchaser is guaranteed.
7. The bidder shall indemnify and hold harmless the purchaser against any claims in respect of damages to building, property situated nearby, not belonging to the purchaser, how-soever arising in course of such supply and throughout the period of guarantee.
8. The bidder shall discharge all obligations under the Indian workmen's compensation act, any local, state laws and regulations in so far as it affects the workmen in his employment. All the workman/labours employed/hired for the work should be covered with applicable insurance for any injury, accident/death and also all the applicable labour laws should be followed by the contractor including their payment and wages.
9. The bidder shall make his own arrangement for employing labour (skilled & unskilled) and shall make his own arrangement for providing accommodation for his workmen at site or elsewhere.
10. The bidder shall hold the purchaser and his employees safe, harmless and immune from any liability that may arise out of infringements of patents and copyright associated with design, fabrication and modification supply as applicable.
11. The Scope of supply tendered are available in the complete bid documents which can be viewed / downloaded free of cost from e-tender portal.