



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

File No.: Jaisalmer/2V/3/2024-25/Instt/ (Misc. Electrical Works)

दिनांक: 10.07.2024

Subject: Laying of 185 Sq mm and 120 sqmm 3½ core armoured Al. Conductor cable, installation and testing of 125KVA Canopy type Diesel Generator set at Akashvani HPT 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 or at following address.

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

Specification for: Laying of 185 Sq mm and 120 sqmm 3½ core armoured Al. Conductor cable, installation and testing of 125KVA Canopy type Diesel Generator set at Akashvani HPT Ramgarh, Jaisalmer (Rajasthan).

Due Date to offer Comments: 17.07.2024

Enclosed:

1. Bill Of Material of Laying of 185 Sq mm and 120 sqmm 3½ core armoured Al. Conductor cable, installation and testing of 125KVA Canopy type Diesel Generator set at Akashvani HPT Ramgarh, Jaisalmer (Rajasthan)..

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



Jaisalmer/2V/3/2024-25/Instt/ (Misc. Electrical Works)

Date: 10.07.2024

Budgetary Quotation Form

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

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

Subject: Laying of 185 Sq mm and 120 sqmm 3½ core armoured Al. Conductor cable, installation and testing of 125KVA Canopy type Diesel Generator set at Akashvani HPT Ramgarh, Jaisalmer (Rajasthan).

Last date of receipt of budgetary quotation in this office: 17.07.2024 upto 12:00Hrs

S.No.	Description	Qty.	Rate	Amount
1.	Laying of 185Sq mm, 3½ core armoured Al. Conductor G.I. strip armoured PVC sheathed 02 nos. length from Transformer to LT Panel in P/S room (Total Length- 220Mtrs)			
(i)	Making of trenches of size 600 mm x 800 mm starting from transformer to LT Panel in P/S room by digging the soil by removing the debris/Malba from the trenches. Laying one layer of 4" thick Sand for 2 cables in the trench. Making separate sections of the trenches by laying a line of bricks (Including Material)	85 Mtr.		
(ii)	Making of trenches of size 600 mm x 800 mm starting from transformer to LT Panel in P/S room of building by digging CC flooring by removing the debris/Malba from the trenches. Laying one layer of 4" thick Sand for 2 cables in the trench. Making separate sections of the trenches by laying a line of Bricks (Including Material)	20 Mtr.		
(iii)	Providing & grouting 02Nos. of 4" dia G.I. Pipes (05Mtr each) on the Cement concrete flooring area.	10 Mtr.		
(iv)	Providing, Grouting & fixing 4" dia G.I. Pipes along the transformer foundation wall.	05 Mtr.		
(v)	Unwinding roll of 185 sq. mm 3½ core cable from the cable drum and laying. 2 length of this power cable through the trenches & through the G.I. Pipes as laid down above in Para (i), (ii), (iii) Respectively. Again filling the 4" thick layer of sand over the cables in the trenches. Providing and fixing common bricks over the sand bed in entire trench. Filling the soil over the trench up to the ground level & leveling the area.	220 Mtr		
(vi)	Reconstructing the CC Flooring and repairing the area with Cement concrete and stone aggregate mixer 1:2:4 and finishing the surface, Complete in all respect.	01 Job		
(vii)	Providing & fixing cable route marker of cast iron (5"dia) in 5 mtr interval in whole length of cable.	21 Nos.		
(viii)	Making 01 mtr dia loop of cable at both end of the spare cable and covering by soil with proper marking for future use.	01 Job		
2.	Laying of 2nos. (01no. from DG set to LT Panel & 01No. spare) of 120Sq mm, 3½ core armoured Al. Conductor G.I. strip armoured PVC sheathed of size 125mtrs. each from 01No. of DG set to LT Panel as per the details below (Total Length- 250Mtrs)			
(i)	Making of trenches size 600mm x 600mm starting from DG Sets to LT Panel. Laying one layer of 4" thick Sand for each cable in the trenches. Making separate sections of the trenches by laying a line of Bricks (Including Material)	120Mtr.		
(ii)	Providing & grouting 02Nos. of 3" dia G.I. pipes (05Mtr each) along the DG foundation the Cement concrete flooring area.	10Mtr.		
(iii)	Unwinding roll of 120 sq. mm 3½ core cable from the cable drum and laying. These 2 power cable each of 125mtr through the trenches & through the G.I. Pipes as laid down above in Para (i), (ii), (iii) Respectively. Again filling the 4" thick layer of sand over the cables in the trenches Providing and fixing common bricks over the sand bed in entire trench. Filling the soil over the trench up to the ground level & leveling the area.	250Mtr		
(iv)	Making 01mtr dia loop of both spare cables at both end cable and covering by soil with proper marking for future use.	01 Job		
(v)	Providing & fixing cable route marker of cast iron (5"dia) in 5 mtr interval in whole length of cable	24 Nos.		
3.	Installation & Testing of 125 KVA Canopy type Diesel Generator set FM Transmitter at Akashvani HPT Ramgarh, Jaisalmer (Rajasthan). Work is to be carried out as per the scope as mentioned below and schedule of the material attached as Annexure A: a. Shifting of the DG set from ground level to DG platform by means of crane/heavy work labours. b. Inter connection of 3½ core 120 Sq.mm aluminum armoured cable with Alternator, AMF Panel and LT panel. Aluminum lugs to be used for proper connection. c. Fixing and Installation of AMF panel with proper MS fasteners on the floor at DG platform. d. Extension of earthing for Neutral as well as body earth of DG set and AMF Panel is to be done with 25 x 3mm copper strips including provision of copper strip for each DG set. e. Providing, fabrication, fixing & welding of DG set exhaust pipe of 5" MS pipe of 14 SWG of length 9 Meter DG set including MS pipe for exhaust pipe insulated with glass wool and aluminum foil cover & Fire proof rope. f. Providing of 400 liters Diesel along with drum & transportation and filling of fuel as per OEM recommendations. g. Providing multi strands 6 core, 1.5 sq.mm copper cables for remote control wiring for AMF panel and connections are to be done with DG sets. h. Testing of DG Sets on load as per above work.	01 Job		
	Total			
	GST @			
	Grand Total			

Note:

- Time of execution as per permission of Engineer Incharge at Akashvani 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 Akashvani HPT Ramgarh, Jaisalmer (Rajasthan).
- Before submitting the offer bidder 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 Akashvani HPT Ramgarh, Jaisalmer (Rajasthan).
- Inspection will be carried out preferably in presence of Authorized representative of ADG (NZ), AIR & DD, 8th floor, Sookna 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 may increase or decrease as per actual requirement/constraints at site.
2. Please read carefully the terms and conditions given in this Quotation Form.

It is required to list the prices/Rates separately for the following

- a) GST No: b) PAN No.....
3. **Delivery at:** Setting up of 20kW (1+1) FM Transmitter at Akashvani HPT Ramgarh, Jaisalmer (Rajasthan).
4. **Consignee:** Installation officer, Akashvani HPT Ramgarh, Jaisalmer (Rajasthan).
5. **Completion Period:** Execution of scope is to be done within 60days from the date of order.
6. **Validity:** 120days
7. **Payment terms:**
 - 97% Payment on completion/execution of work 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 CE (NZ), AIR & TV New Delhi valid for guarantee period at least.
8. **Performance Security:**
 - a. 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.
 - b. The performance security deposit shall be 03% of cost of the order/contract value.
 - c. 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.

Name (in capital) _____
Seal: (Signature of the Bidder)

Annexure-A

Schedule of Material for Installation of 125 kVA DG Set at Akashvani HPT Ramgarh, Jaisalmer (Rajasthan).

S.No.	Description	Qty.
1.	Copper Strip 25mmx3mm (40mtr)	40 mtrs
2.	Exhaust pipe. a) MS Pipe 5 inch, 14SWG length 9 mtr	9 mtrs
3.	MS Pipe Elbow/Band 5 inch, 14SWG	4 Nos.
4.	Diesel	400 Ltrs
5.	Diesel Drum 200ltr	2 Nos.
6.	Remote Control Multi Stand 6 core, 1.5 Sq mm Copper Cable	20 mtrs
7.	Aluminum Lugs 120 sq mm	12 Nos.
8.	Misc. Hardware like nut, bolt, washer, metallic fasteners of different sizes, copper lugs of 1.5 sq mm, PVC insulation tape etc.	As per site requirement.

