



प्रसार भारती  
Prasar Bharati  
भारत का लोक सेवा प्रसारक  
India's Public Service Broadcaster  
कार्यालय: अपर महानिदेशक (अभि.) (उत्तरी क्षेत्र)  
Office of the Additional Director General (E) (NZ)  
आकाशवाणी एवं दूरदर्शन  
Akashwani & Doordarshan  
आठवां तल, सूचना भवन, सी.जी.ओ. कॉम्प्लेक्स, नई दिल्ली 110003  
8<sup>th</sup> floor, Soochna Bhawan, CGO Complex, New Delhi-110003



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

**Dated: 28.08.2024**

**Subject:** Laying of 185 Sq mm 3½ core and 95 Sq mm 3½ core armoured Al. Conductor cable & installation and testing of 125KVA Canopy type Diesel Generator set with AMF Panel at Akashvani Rampur (Uttar Pradesh).

1. The budgetary quotation for the upcoming tender is enclosed herewith to offer comments & industrial feedback, if any by prospective bidders/firms.
2. Bidders/firms are requested to provide information about content in respect of works along with budgetary quote.
3. Bidders/firms may please submit the above detail on or before due date by e-mail to [bcbelwal@prasarbharati.gov.in](mailto:bcbelwal@prasarbharati.gov.in) or at following address.

B C Belwal  
Assistant Engineer  
Room No. 899-B,  
O/o ADG(E-NZ)  
Akashwani & Doordarshan,  
8<sup>th</sup> floor, CGO Complex,  
Soochna Bhawan, New Delhi-110003  
Mobile No.: 09868539587

**Budgetary Quotation for:** Laying of 185 Sq mm 3½ core and 95 Sq mm 3½ core armoured Al. Conductor cable & installation and testing of 125KVA Canopy type Diesel Generator set with AMF Panel at Akashvani Rampur (Uttar Pradesh).

**Due Date to offer Comments:** 09.09.2024

**Enclosed:**

1. Budgetary Quotation form for the upcoming tender is enclosed herewith to offer comments, if any by prospective bidders/firms.

  
**Assistant Engineer**  
**For Add. Director General (NZ)**

बी. सी. बेल्वाल / B.C. Belwal  
सहा अभियन्ता / Asstt. Engineer



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

Date: 28.08.2024

**Budgetary Quotation Form**

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

**Project:** Setting up of 10kW (1+1) FM Transmitter at Akashvani Rampur (Uttar Pradesh).

**Subject:** Laying of 185 Sq mm 3½ core and 95 Sq mm 3½ core armoured Al. Conductor cable & installation and testing of 125KVA Canopy type Diesel Generator set with AMF Panel at Akashvani Rampur (Uttar Pradesh).

Last date of receipt of budgetary quotation in this office: 09.09.2024 upto 12:00Hrs

S.No.	Description	Qty.	Rates	Amount
1.	<b>Laying of 185 Sq mm and 95 sqmm 3½ core armoured Al. Conductor G.I. strip armoured PVC sheathed of (150Mtr length) from state electricity board energy meter to LT Panel inside the LT Panel room and 95 sqmm cable 50 mtr two length to and from LT panel to DG set respectively (100mtr) as per follow:-</b>			
i.	Digging of trenches of size 450 mm x 600 mm total length (a) 118(88+30)mtr for 185 sq mm and starting from <b>state electricity board energy meter to LT Panel inside the LT Panel room and to and (b) 28mtr for 95 Sq mm from LT panel to DG set respectively:</b> by digging the Path which includes cement Concrete flooring and road and removing the Malba from the trench. Laying one layer of 4" thick <b>Sand</b> for cable in the trench.	118+28= 140 Meter		
ii.	Providing & grouting of 2 Nos. of 3"dia G.I. Pipes of different length on the Cement concrete Flooring and along the vertical walls. Total length of both pipes is 27 mtr.	27 Meter		
iii.	Providing, grouting & fixing 2 Nos. of 4" dia G.I. Pipes along the MS stand of main MCCB at energy meter. Total length of both pipes is 14 mtr.	14 Meter		
iv.	<b>Unwinding</b> roll of 185 sq. mm 3½ core aluminium cable (total length of 150 mtr in two pieces) <b>and 95 sq mm 3½core</b> ( two length 50 mtr each): from their cable drum and laying the cable through the Trenches & through the G.I. Pipes as laid down above in Para (i), (ii), (iii) Respectively. <ul style="list-style-type: none"><li>• Providing the aluminium armoured cable jointer heat shrinkable kit and jointing the two length of 185 sq mm 3½ core armoured Al cable.</li><li>• Making the 3mtr loop on both sides of 185Sq mm Al cable.</li><li>• Filling the 4" thick layer of sand over the cables in the trenches</li><li>• Providing and fixing common bricks over the sand bed in entire trench.</li><li>• Filling the soil over the trench up to the ground level &amp; leveling the area.</li></ul>	1 Job		
v.	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.	1 Job		
vi.	Providing and Making cable connection with Aluminum lugs of two length each of both cables of 185 Sq. mm and 95 Sq. mm of Phase and Neurtal and earthings at the both end of the cable and make ready for connection at both end.	1 Job		
vii.	Providing & fixing of LT Cable route marker made up of 2½" dia signage with 10mm x 2' long Ms rod.	25 Nos.		
2.	<b>Installation and Testing of 125KVA Canopy type Diesel Generator set at FM transmitter Akashvani Rampur. Work is to be carried out as per the scope of the work as mentioned below and schedule of the material attached as Annexure A:</b> <ul style="list-style-type: none"><li>a. Shifting of the 125kVA DG set from ground level to DG platform by means of crane/heavy work labours.</li><li>b. Inter connection of 3½ core 95Sq.mm aluminum armoured cable with Alternator, AMF Panel and LT panel (in transmitter hall). Aluminum lugs to be used for proper connection.</li><li>c. Fixing and Installation of AMF panel with proper MS fasteners on the floor at DG platform/shed.</li><li>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.</li><li>e. Providing, fabrication, fixing &amp; welding of DG set exhaust pipe of 4" MS pipe of 14 SWG of length 9Mtr including MS pipe for exhaust pipe insulated with glass wool and aluminum foil cover &amp; Fire proof rope.</li><li>f. Providing of 400 liters Diesel along with storing drum/ container for DG set including transportation and filling of fuel as per OEM recommendations.</li><li>g. Providing multi strands 6 core, 2.5 sq.mm copper cables for remote control wiring for AMF panel and connections are to be done with DG sets.</li><li>h. Testing of DG Sets on load as per above work.</li></ul>	01 Job		
3.	<b>Repairing of existing trenches:-</b> The repairing of the trenches is to be carried out as per below. <ul style="list-style-type: none"><li>a) Removing of the damaged wooden cover of the trenches (144' long and 10" wide in pieces) from their places and removing out from the campus.</li></ul>	144 R.ft.		

	b) cleaning of the trenches. c) Repairing of trench surface by filling the holes by plastering work. d) Removing the damaged portions of the GI angle frame by providing and fabricating same size angle iron frame (35mmx35mmx4mm). e) Providing and fixing wooden trench cover with 38mm plywood & mica in whole length of 144Rft& 10" wide in pieces of convenient size.			
4.	Closing of the existing trenches by brick masonry work & plastering & providing & fixing the vitrified flooring on top of this work total area 12' long and 10" wide.	1 Job		
5.	Replacement of old and damaged electrical wiring of the transmitter hall, LT room, UPS rooms, Corridor and technical area as per following;- a) Dismantling of old and damaged electrical wiring and all electrical points from their places. b) Marking for rerouting of the electrical wiring as per site requirement. c) Providing of the copper cable and electrical switch, socket, electrical switch board, fan regulators, ceiling covers, PVC flexible pipe, PVC casing caping, insulating tapes as per below:-  Size of Copper cable Single Core, electrical switch, socket, electrical switch board, fan regulators, ceiling covers, PVC flexible pipe, PVC casing caping, insulating tapes:- i. 4 Sq mm Single core:- 05 Roll (100mtr each) ii. 2.5 Sq mm Single core:- 10 Roll (100mtr each) iii. 1.5 Sq mm Single core:- 04 Roll (100mtr each) iv. 15 Amp Modular Switch -12Nos. v. 06/10 Amp Modular Switch – 36Nos. vi. 15 Amp Modular Socket – 12Nos. vii. 06/10 Amp Modular Socket – 15Nos. viii. 12M Grid & 12M Cover Switch board – 06Nos. ix. 8M Grid & 8M Cover Board - 12Nos. x. 4M Grid & 4M Cover Board – 10Nos. xi. 2M Grid & 2M Cover Board – 08Nos. xii. 12M Grid & 12M Cover board – 06Nos. xiii. Modular Fan regulator – 06Nos. xiv. Ceiling covers assorted Sizes -15 No xv. PVC Flexible pipe 1" and 2" - 05 Roll each xvi. PVC casing caping 1" and 2" - 10 Roll each xvii. PVC Insulating tapes - 02 Dozen xviii. MCB Box 18 way and 12way – 01 No. each xix. 65 Amp 4pole MCB – 02 Nos. xx. 32Amp 4Pole MCB- 03 Nos. xxi. 20Amp and 10 Amp single pole MCB – 16 Nos. each xxii. 20Amp Double Pole MCB – 08 Nos. each xxiii. 15Amp Switch & Socket combined – 07 Nos.  d) Making the electrical circuit in consultation with site in-charge/I.O according to the site requirement. e) Fixing of the PVC casing caping and PVC flexible pipes as per required circuits. f) Fixing of the different switch board with different switch ,socket etc, MCB boards with all required circuit breaker MCB, g) Afterword laying & Dragging the copper cables through PVC casing caping, PVC flexible cable and existing MS conduits and connections of all electrical points. h) Proper earthing circuit should be insured for the complete wiring. i) Testing of all electrical point functioning.	1 Job		
	<b>Total</b>			
	<b>GST@</b>			
	<b>Grand Total</b>			

**Note:**

- Time of execution as per permission of Engineer In-charge at Akashvani Rampur.
- The Tenderer 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 Rampur.
- 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 Akashvani Rampur.
- Inspection will be carried out preferably in presence of Authorized representative of ADG (NZ), Akashvani & Doordarshan, 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.

- Quantity of Material & Scope may increase or decrease as per actual requirement/constraints at site.
- Please read carefully the terms and conditions given in this Quotation Form.
- a) GST No: ..... b) PAN No.....
- Delivery at:** Setting up of 10kW (1+1) FM Transmitter at Akashvani Rampur (Uttar Pradesh).
- Consignee:** Installation officer, Akashvani Rampur.
- Completion Period:** Supply of material & completion of scope within 60days from the date of order.
- Validity:** 120days

7. **Payment terms:**
- 93% 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), Akashvani & Doordarshan New Delhi valid for guarantee period at least.
8. **Performance Security:**
- a. The firm/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), Akashvani & Doordarshan New Delhi.
  - b. The Performance Security Deposit shall be 03% of cost of the order/Agreement 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 Tenderer)

**Annexure-A**

**Schedule of Material for Installation of 125kVA DG Set at Akashvani Rampur.**

S.No.	Description	Qty.
1.	Copper Strip 25mmx3mm (40mtrx1)	80 mtrs
2.	MS Pipe 4 inch, 14SWG 9mtr x1	9 mtrs
3.	MS Pipe Elbow/ Band 4 inch, 14SWG	4 Nos.
4.	Diesel 400Ltr	400 Ltrs
5.	Diesel Drum 200ltr	2 Nos.
6.	Remote Control Multi Stand 6 core, 2.5 Sq mm Copper Cable	20 mtrs
7.	Aluminum Lugs 95 sq mm	12 Nos.
8.	Misc. Hardware like nut, bolt, washer, metallic fasteners of different sizes, copper lugs of 2.5 sq mm, PVC insulation tape etc.	As per site requirement