



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
8th floor, Soochna Bhawan, CGO Complex, New Delhi-110003



Haldwani/2V/3/2023-24/Instt (AC Duct)

Dated: 14.03.2024

Subject: Providing, fabricating & fixing of AC supply duct, return duct and plenum chamber's at AIR Haldwani.

1. The budgetary quotation with specification & drawing of the upcoming tender is enclosed herewith to offer comments, 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 or at following Address.

Assistant Engineer
Room No. 899-B,
O/o ADG(E-NZ)
Akashwani & Doordarshan,
8th floor, CGO Complex,
Soochna Bhawan, New Delhi-110003
Mob No.: 09868539587
e-mail id: bcbelwal@prasarbharati.gov.in

Budgetary Quotation for: Providing, fabricating & fixing of AC supply duct, return duct and plenum chamber's at AIR Haldwani.

Due Date to offer Comments: 21.03.2024

Enclosed:

1. Budgetary Quotation form of the upcoming tender is enclosed herewith to offer comments, if any by prospective bidders/firms.
2. Budgetary Quotation form & Drawing for providing, fabricating & fixing of AC supply duct, return duct and plenum chamber's at AIR Haldwani.

(B. C Belwal)
Assistant Engineer
For Additional Director General (E) (NZ)



1025254/2023/AIR-Co. Section - Zonal Office (NZ)

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8th floor, Soochna Bhawan, CGO Complex, New Delhi-110003



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Haldwani/2V/3/2023-24/Instt (AC Duct)

Date:

Budgetary Quotation Form

Project: Installation of 10kW FM Transmitter at AIR Haldwani.

Subject: Providing, fabricating & fixing of AC supply duct, return duct and plenum chamber's at AIR Haldwani.

Last date of receipt of budgetary quotation in this office: __.__.2023 upto 12:00Hrs.

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

S.No.	Description	Qty	Rates	Amount
1.	Providing, fabricating & fixing of AC supply duct, return duct and plenum chamber's with 22SWG G.I. Sheet for plenum chamber and 24SWG GI sheet for supply & return duct. Job includes jointing the different pieces of duct with suitable hardware and rubber gaskets and hanging these all items from the ceiling by full threaded 10mm G.I rod and M.S angle of size 35mm x 35mm x 5mm.	170 Sq mtr		
2.	Providing & fabricating the 25mm thick glass wool insulation work inside the supply duct & plenum chamber using 1mm aluminium perforated sheet & a tissue paper for locking the glasswool in whole length 138 sqmtr	138 Sq mtr		
3.	Providing & grouting of M.S C-channel on the parallel vertical walls of size: 10'x3"x2" with 5mm thickness for the fixing of the plenum chamber's over the false ceiling at designated place.	02 Jobs		
4.	Providing and fixing of 475mm x 475mm canvas of reputed make in-between the plenum & machines- 02Nos, ii. Dampers of size: 475mm x 475mm- 02Nos.	01 Lot		
5.	Providing, fabrication and fixing of powder coated i. Aluminium grill for studios setup of size: 600mm x 600mm – 01No, 350mm x 350mm – 01No, 250mm x 250mm – 01No. ii. Aluminium diffuser of size 600mm x 600mm – 02Nos. iii. Aluminium volume control damper of size: 600mm x 600mm- 03 Nos., 350mm x 350mm- 01 No., 250mm x 250mm - 01No.	01 Lot		
6.	a. Providing, fabrication and fixing of powder coated i. Aluminium return grill of size: 600mm x 600mm- 04 Nos., 350mm x 350mm- 02Nos. b. Providing, fabrication and fixing air control damper for supply duct of size: 525mm x 550mm (02Nos.)	01 Lot		
	Total			
	GST @			
	Grand Total			

Note:

- Time of execution as per permission of Engineer Incharge at AIR Haldwani.
- 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 AIR Haldwani.
- 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 AIR Haldwani.
- Inspection will be carried out preferably in presence of Authorized representative of 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 may increase or decrease as per actual requirement/constraints at site.
- 2) Please read carefully the terms and conditions given in this quotation form.
 - a) GST No:
 - b) PAN No.....
- 3) **Delivery at:** Installation of 10kW FM Transmitter at AIR Haldwani.
- 4) **Consignee:** Installation officer, AIR Haldwani.
- 5) **Completion Period:** Execution of scope is to be complete within 60 days from the date of contract.
- 6) **Validity:** 120days

7) **Payment terms:**

1025254/2023/AIR Co. Section Zonal Office (NZ)

➤ 35% Payment on completion/execution of work in good condition at site.

➤ Balance payment of 05% 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:**

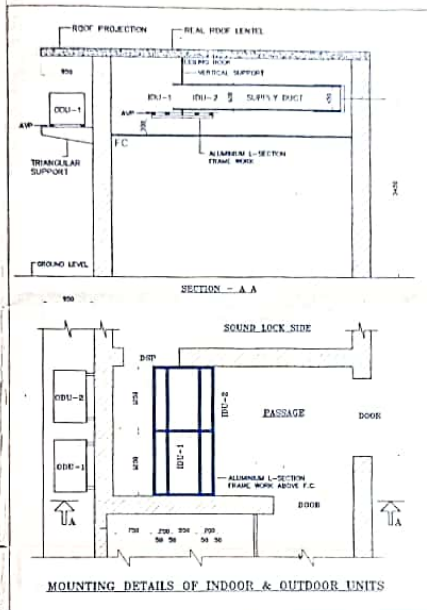
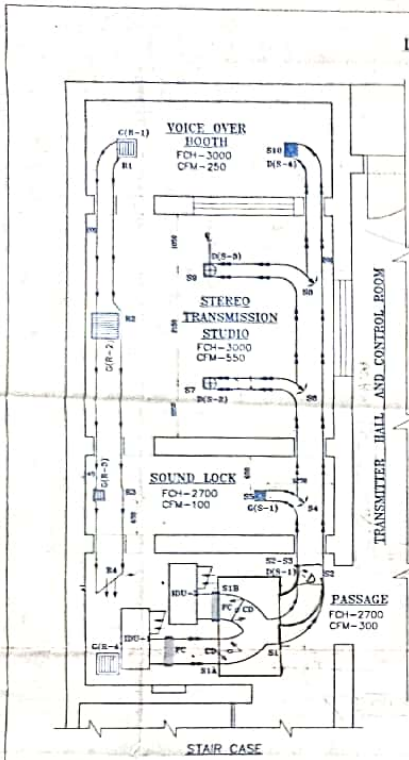
➤ The firm/contractor should submit performance security deposit in the form of FDR from a schedule commercial bank valid for one year in favour of Chief Engineer (NZ), AIR & DD, New Delhi.

➤ The Performance Security Deposit shall be 05% of cost of the order/contract value.

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)

ALL INDIA RADIO, HALDWANI
LAYOUT OF SUPPLY & RETURN DUCTS FOR VOICE OVER BOOTH,
STEREO TRANSMISSION STUDIO & SOUND LOCK



S.NO	DATE	WORK DONE	REMARKS

NOTES :-

1. PARTITION DOWN FOR DUCTS ARE CLEAR OVER SIZE ACC. TO EACH SIZE TO GET DUCT DIMENSIONS.
2. ALL THE DUCTS ARE TO BE PROVIDED WITH VENTILATION TO BE USED.
3. DUCT DIMENSIONS ARE TO BE PROVIDED AT BRANCH TAKE OFFS.
4. FOR EXACT LOCATION OF DUCTS, DRIVERS & GRILLS REFER TO RESPECTIVE DRAWING.
5. TWO UNITS OF THE DETECTABLE SPLIT AIR HAVE BEEN PROVIDED FOR SOUND LOCK FROM COMPARTMENT TO SOUND LOCK, SOUND LOCK, STEREO TRANSMISSION STUDIO AND VOICE OVER BOOTH.
6. OUT OF THE TWO UNITS ONE SHALL BE WORKING AND OTHER AS A STANDBY. THE MODE OF OPERATION OF UNITS SHALL BE MADE THROUGH CENTRAL DAMPER BY OPERATING FOLLOWING ROOMS UNITS OF UNIT CONTROLS. AIR PLANT CONTROL SHALL BE MOUNTED ABOVE THE SPACE BETWEEN FALSE CEILING AND REAL CEILING OF PASSAGE WITH L-SECTION ALUMINUM FRAME WORK FIXED ON THE WALLS OF PASSAGE WITH THE HELP OF OUTDOOR UNIT METAL FASTENERS AS SHOWN IN THE Dwg.
7. THE SPACE ABOVE THE F.C. IN PASSAGE (BEFORE SOUND LOCK) WILL BE USED AS RETURN AIR THROUGH VENTILATION IT SHOULD BE MADE AIR TIGHT.
8. THE INDOOR UNITS OF AIR PLANT SHALL BE CONNECTED TO THE DUCTS THROUGH FLEXIBLE DUCTS CONNECTING TO AUGER THROUGH ANY KIND OF MECHANICAL JOINTS.
9. WALL OPENING OF APPROPRIATE SIZE SHALL BE MADE IN THE WALLS TO LAY THE DUCTS WHEREVER PASSING THROUGH THE WALLS AS PER DWG. NO. 50-50-50.
10. AFTER LAYING DOWN THE DUCTS, REMAINING PART OF THE SPACES SHALL BE SEALED WITH GUMS WITH PACKING AND GEMENT WORKING TO AVOID ANY KIND OF SOUND LEAKAGE. BUT NEAR UNITS TO BE MOUNTED SHALL BE NOTIFIED BY THE DRAWING AND THE DUCTS SHALL BE MADE ARRANGEMENT & ALSO WITH THE OPERATION ARRANGEMENTS TO AVOID ANY KIND OF VIBRATION TO STUDIOS.
11. WALL OPENING IN PASSAGE REQUIRED FOR THE REFRIGERANT PIPES AND CONDENSATE TO DRAINAGE PIPE & POWER CABLE (ONLY DOWN UNITS) SHOULD BE SEALED PROPERLY AFTER COMPLETION OF A/C INSTALLATION WORK.

LEGEND :-

- SUPPLY DUCT
- ⊕ SUPPLY DIFFUSER
- ← RETURN DUCT
- ⊖ RETURN GRILL
- ↔ SPLIT DAMPER
- ⊗ CONTROL DAMPER
- FC FLEXIBLE DAMPER CONNECTION
- FCH FALSE CEILING HEIGHT
- ACH REAL CEILING HEIGHT
- AWD AIR WASH DOWN PAD
- DU INDOOR UNIT OF SPLIT A/C
- ODS OUTDOOR UNIT OF SPLIT A/C

DETAILS OF SUPPLY DUCTS :-

S.NO	DUCT DESIGNATION	SIZE IN mm (Ø/THICKNESS)	CFM	LENGTH IN MM
1	S1-R-25	475x475	1250	1650
2	S1-R-27	475x475	1250	750
3	S1-S2	475x475	1250	1550
4	S2-S3	275x275	300	---
5	S2-S4	475x475	900	1300
6	S4-S5	275x275	100	500
7	S4-S8	475x475	850	2150
8	S8-S7	275x275	375	1600
9	S8-S9	475x475	925	2050
10	S8-S9	275x275	275	1950
11	S8-S10	275x275	250	2650

DETAILS RETURN DUCTS :-

S.NO	DUCT DESIGNATION	SIZE IN mm (Ø/THICKNESS)	CFM	LENGTH IN MM
1	R1-R2	325x275	325	1200
2	R2-R3	475x475	1025	1400
3	R3-R4	475x475	1170	1700

DETAILS OF RETURN GRILLS :-

S.NO	DESIGNATION	LOCATION	SIZE
1	G (R-1)	VOICE OVER BOOTH	275x275
2	G (R-2)	SOUND LOCK	275x275
3	G (R-3)	STEREO TRANSMISSION STUDIO	475x475
4	G (R-4)	PASSAGE	475x475

DETAILS OF SUPPLY DIFFUSERS & GRILLS :-

S.NO	DESIGNATION	LOCATION	SIZE
1	D (S-1)	PASSAGE	175x175
2	D (S-2)	STEREO TRANSMISSION STUDIO	275x275
3	D (S-3)	STEREO TRANSMISSION STUDIO	275x275
4	D (S-4)	STEREO TRANSMISSION STUDIO	275x275
5	D (S-5)	STEREO TRANSMISSION STUDIO	275x275

DATE	NAME	ALL INDIA RADIO HALDWANI	ALL INDIA RADIO P.O. UNIT NEW DELHI, INDIA

LAYOUT OF SUPPLY & RETURN DUCTS FOR VOICE OVER BOOTH, STEREO TRANSMISSION STUDIO & S.L.

SCALE - 1:50

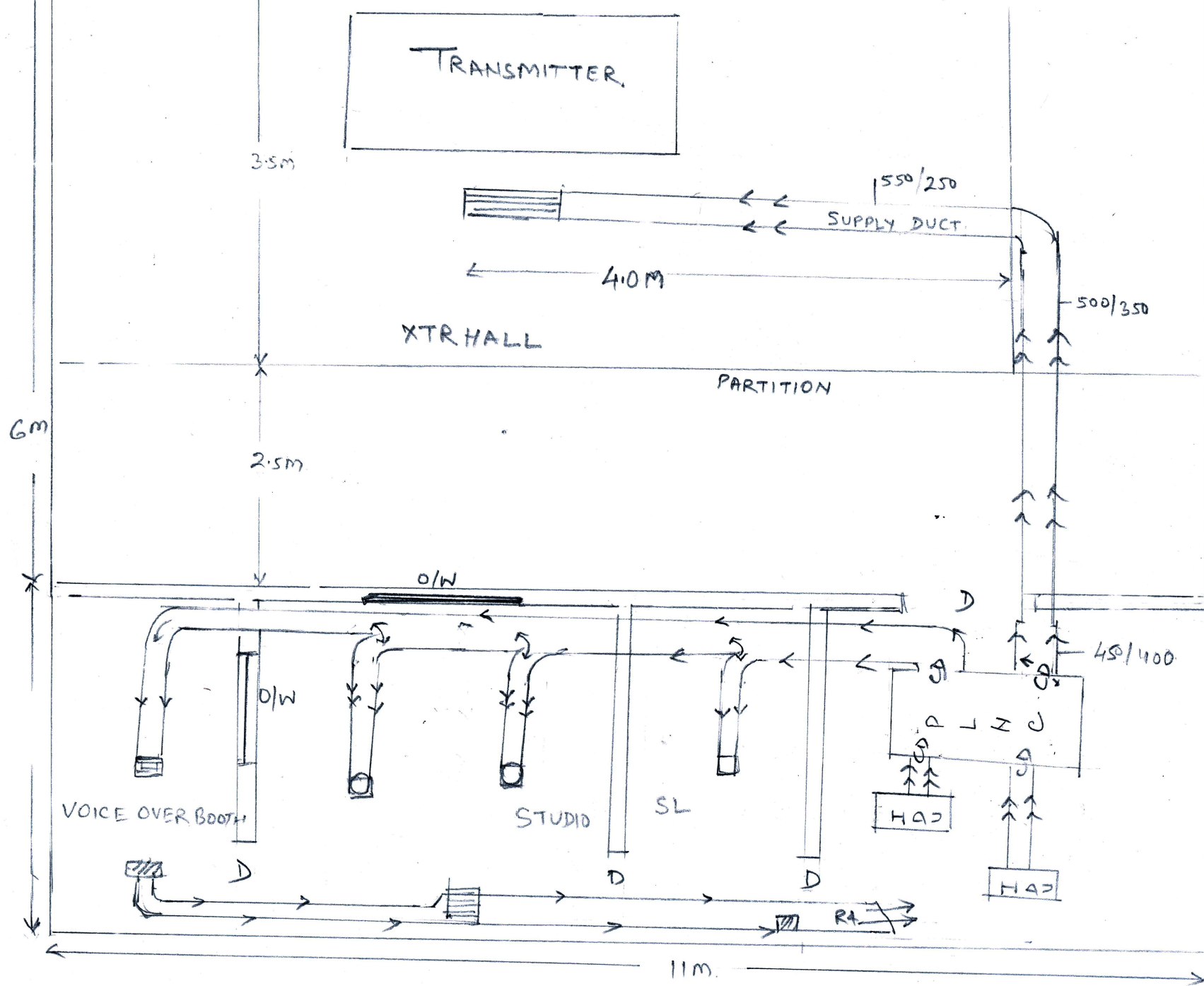
APPROVED: DRG. NO. SC-14692

DRG.No SC-14692

2023-08-20
S-6 - 100/301-301
S-6 - 301/301-301

ducts

1025254/2023/AIR-Co. Section - Zonal Office(NZ)



EXTENDED LAYOUT OF
 SUPPLY DUCT IN
 XTR HALL & LAYOUT
 OF SUPPLY & RETURN
 DUCT FOR VOICE OVER
 BOOTH, STEREO TRANSM
 -MISC
 AT AIR HALDWANI

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