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, सीजीओ कॉम्प्लेक्स, नई दिल्ली 110003
8th floor, Soochna Bhawan, CGO Complex, New Delhi-110003

सत्यम् शिवम् सुन्दरम्

AIR-Co/Udaipur/2V/3/2024-25/Instt./(refurbishing of studios) **Dated: 31.01.2025**

Subject: Dismantling, providing, fabrication & fixing of acoustic treated false ceiling and wall paneling including wainscot of Control Room, Dubbing Room, Music Studio, Talk Studio, Playback Studio & AC Plant Room at Akashvani Udaipur (Rajasthan).

1. The budgetary quotation & drawings of the upcoming bid 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 scope along with budgetary quote.

3. Bidders/firms may please submit the above detail on or before due date by e-mail to rksrivastav@prasarbharati.gov.in or at following address.

   R.K Srivastav
   Assistant Director (Engg.)
   Room No. 899-C,
   O/o ADG (E)(NZ)
   Akashvani & Doordarshan,
   8th floor, CGO Complex,
   Soochna Bhawan, New Delhi-110003
   Mobile No.: 9873364977
   e-mail id: rksrivastav@prasarbharati.gov.in

Budgetary Quotation for: Dismantling, providing, fabrication & fixing of acoustic treated false ceiling and wall paneling including wainscot of Control Room, Dubbing Room, Music Studio, Talk Studio, Playback Studio & AC Plant Room at Akashvani Udaipur (Rajasthan).

Due Date to offer Comments: 10.02.2025

Enclosed:

1. Budgetary Quotation form & drawings of the upcoming bid is enclosed herewith to offer comments, if any by prospective bidders/firms.

Assistant Director (Engg.)
For Add. Director General (NZ)

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India's Public Service Broadcaster
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8th floor, Soochna Bhawan, CGO Complex, New Delhi-110003

सत्यम् शिवम् सुन्दरम्

AIR-Co/Udaipur/2V/3/2024-25/Instt./(refurbishing of studios) **Dated:31.01.2025**

Budgetary Quotation Form

Project: Refurbishing of studios under the component face-lift of DD/AIR Channels under project mode at Akashvani Udaipur (Rajasthan).
Subject: Dismantling, providing, fabrication & fixing of acoustic treated false ceiling and wall paneling including wainscot of Control Room, Dubbing Room, Music Studio, Talk Studio, Playback Studio & AC Plant Room at Akashvani Udaipur (Rajasthan).

Last date of receipt of budgetary quotation in this office: 10.02.2025 upto 12:00Hrs.
Please read carefully the terms and conditions given the enquiry quotation form.

S.No.	Description	Qty	Rates	Amount
1.	Dismantling of old worn out acoustic treated false ceiling facing material of Control Room, Dubbing Room at Akashvani Udaipur (Rajasthan), shifting & disposal of dismantled debris material from the outside of the office premises.	56 Sq.mtr		
2.	Providing, fabrication and fixing of acoustic treatment false ceiling facing material in Control Room, Dubbing Room at Akashvani Udaipur (Rajasthan) as per drawing SG=10150 and 10178/4 **Deiption of scope as per measurement taken at site:** a) Providing, fabrication and fixing of 12mm thick plain insulation board as per drawing. b) Providing, fabrication and fixing of absorbing acoustic material glass wool pads covered with tissue paper inside the wood frame as per drawing. c) Providing, fabrication and fixing of 12.5mm thick acoustic facing material fully perforated gypsum tiles (600mm x 600mm) as per drawing. d) Providing, fabrication and fixing of 2"x2" wooden cedar/teak wood cover beading at all the corners, joints and edges as per site. e) Providing of 600mm x 600mm hinged flap flushed doors and fixing it on the ceiling in Control Room, Dubbing Room at Akashvani Udaipur (Rajasthan)	56 Sq.mtr		
3.	Dismantling of old worn out false ceiling in AC Plant Room at Akashvani Udaipur (Rajasthan), shifting & disposal of dismantled debris material from the outside of the office premises.	29 Sq.mtr		
4.	Providing, fabrication and fixing of false ceiling in AC Plant Room at Akashvani Udaipur (Rajasthan) as per drawing SG-10150, 10178/4 and respective drawings. **Description of scope as per measurement taken at site:** • Providing, fabrication and fixing of frame structure with GI metal sheet channel. For hanging arrangement wall to wall 40mm x 40mm x 2mm MS slotted angles with strap hangers shall be provide as per site requirements to support the GI frame structure. These slotted angles shall be further supported 8mm MS tie rods and 10mm MS fasteners from the real ceiling to make the entire structure in level and intact. (as per drawing). • Providing, fabricating and fixing of 12mm thick facing material ISI make plain bison board as per drawing. • Providing of 600mm x 600mm hinged flap flushed doors and fixing it on the ceiling in AC Plant Room at Akashvani Udaipur (Rajasthan)	29 Sq. mtr.		
5.	Dismantling of old worn out wooden acoustic treated wall panelling facing material in Dubbing room, Control room, music studio, Talk Studio, Playback Studio area, shifting & disposal of dismantled debris material from the outside of the office premises.	225 Sq.mtr		
6	Providing, fabrication and fixing of A & B type wooden walls paneling facing material including wainscot in Dubbing room, Control room, Music studio, Talk studio, Playback studio area at Akashvani Udaipur (Rajasthan). **Description of scope as per measurement taken at site:** **A-Type Wall Treatment Drawing no. SG 10178/4:** a) Providing, fabrication and fixing of 12mm thick plain insulation board as per drawing. b) Providing, fabrication and fixing of absorbing acoustic material on walls, 25mm thick glass wool pads covered with tissue paper inside the teak wood frame as per site for the Studio. c) Providing, fabrication and fixing of 4 mm thick teak/cedar ply sheets to make wainscot up to the partition height of 1.20mtr from ground level. d) Providing, fabrication and fixing of wooden cedar/teak wood cover beading at all the corners, joints and edges as per site requirement. e) Providing, fabrication and fixing of cedar/teak wooden batten frame work as per site drawing (if required). **This includes all required jobs to be complete the scope mentioned in drawing.** **B-Type Wall treatment Drawing no. SG 10178/4:** a) Providing, fabrication and fixing of absorbing acoustic material on walls, 25mm thick glass wool pads covered with tissue paper inside the teak wood frame as per site for the Studio. b) Providing, fabrication and fixing of 12mm thick plain insulation board as per drawing. c) Providing, fabrication and fixing of 12.5mm thick acoustic facing material fully perforated gypsum tiles (600mm x 600mm). d) Providing, fabrication and fixing of wooden cedar/teak wood cover beading at all the corners, joints and edges as per site requirement. e) Providing, fabrication and fixing of cedar/teak wooden batten frame work as per site drawing (if required). **This includes all required jobs to be complete the scope mentioned in drawing.**	225 Sq.mtr		
7.	Providing, fabrication & fixing of cedar/teak wooden skirting (125mm x 13mm) in Dubbing room, Control room, Music studio, Talk studio, Playback studio area at Akashvani Udaipur (Rajasthan).	150 R.mtr		
	Providing, fabrication and fixing of observation window in Talk Studio at Akashvani Udaipur (Rajasthan) as per drawing no. SG-10001	01 Nos.		
8.	Repair and fixing the sound proof doors & chowkhat frame including commercial ply, industrial lamination sheet and facing material with polish of Dubbing room, Control room, Music studio, Talk studio, Playback FM studio & Playback AM studio at Akashvani Udaipur (Rajasthan). **Description for repairing of sound proof doors as per measurement taken at site:** a) Dismantling of existing fixed sound proof doors. b) Providing of commercial ply, lamination sheet including repair of existing door frame after removing of damaged existing ply (if required). c) Providing, fabrication and fixing of sound proof doors glass wool. d) Providing & fixing of brass/steel door hinges (if required). e) Providing, fabricating & fixing of ISI marked magnetic seal (if required). f) Repairing & fixing of observation window on sound proof doors along with frame & 5mm thickness of glass (if required). g) Final Touch up on sound proof doors for smooth operation.	12 Nos.		
9.	Anti-Termite treatment to ensure uniform distribution and proper penetration of treatment of treating solution at columns pits, wall trenches, top surface, and conduits, expansion joints junction walls & the floor etc as required in Studios and Technical area at Akashvani Udaipur (Rajasthan). Complete in all respect in Studios premises and Technical area at Akashvani Udaipur (Rajasthan).	1 Job		

10.	Fixing of 2ft x 2ft recessed mounted LED light fixtures, space shall be provided in ceiling equal to the size of light fixtures as per respective layout drawings with supply of 1.5 Sq. mm multistrand single core copper cable 05 Rolls (100mtr each) with complete laying & wiring from electrical board to 2ft x 2ft recessed mounted LED light fixtures and make them ready to use in technical area in Studios at Akashvani Udaipur (Rajasthan).	20 Nos.		
	Important Note:- (Must read carefully) ➢ Drawings are provided for guidance of bidder. ➢ Akashvani Udaipur is a running station of AIR and studios and other Technical rooms are available only during non working hours of station which may be in night time also. There will be limited working hours based on availability of concern studios. ➢ Working hours shall be decided by engineering head. ➢ All above shall be carried out and completed strictly as per respective drawings. ➢ Minor materials like screw of various sizes nails of appropriate size, all adhesives as per requirements of standard quality has to be provide by the tenderer. ➢ Hardware material such as fasteners, hanging rods, gypsum screws, steel screws, nails, slotted angle, fevicol, tissue paper, etc. Required for completion of above is to be provided/supplied by the bidder. ➢ All required wooden material should be water proof & termite proof and should be of reputed brand. ➢ As the required scope is to be carried out in the running station the all job are required to be done in coordination with the station authorities. Total working hours per day shall be decided on the availability of the studios. ➢ The bidder must be experienced in same kind of scope & shall submit documentary. ➢ Above complete scope will be carried out in presence of authorized representative of this office.			
	Total			
	GST@			
	Grand Total			

Note:

- **Scope of the order shall be as defined in the order, specifications, drawings and Appendices there to.**
- **Completeness of the equipment shall be the responsibility of the supplier/contractor. Any equipment, fittings and accessories, which may not be specifically mentioned in the specification or drawing(s) but which are usual or necessary for the satisfactory functioning of the equipment (successful operation and functioning of the equipment being supplier's/contractor's responsibility) shall be provided by the supplier/contractor without any extra cost.**
- **The supplier/contractor shall follow the best modern practice in the manufacture of high grade equipment not-withstanding any omission in that, the supplier/contractor shall in all respect design, engineer, manufacture, and supply the same within delivery period to the entire satisfaction of the organization.**
- **The scope of current bid/tender is providing, fabrication, fixing of acoustic treated wall paneling including wainscot and acoustic treated false ceiling of Control room, Dubbing room, music studio, Talk Studio, Playback Studio & AC Plant Room including dismantling of A/T material of existing technical area as per BOQ at Akashvani Udaipur (Rajasthan).**
- **Details standard drawings have been provided with tender for guidance of bidder. Tenderer shall require visiting the site for understanding the clear requirement of scope before submitting the offer.**
- **The design life of product offered for various acoustic treated wall paneling including wainscot and acoustic treated false ceiling should be 25 years.**
- **Detailed BOQ and material specifications shall be submitted along with make, model (if applicable) of all the materials including technical leaflets of OEM as per the offered design. The NRC value of all applicable products shall be mentioned.**
- **Detailed specifications shall be submitted as per scope.**
- **Experience details of similar scope executed during last seven years shall be submitted as per general terms and condition of contract.**
- **Time of execution as per permission of engineer incharge at Akashvani Udaipur (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 Udaipur (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 Akashvani Udaipur (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 may increase or decrease as per actual requirement/constraints at site.
2) Please read carefully the terms and conditions given in this quotation form.

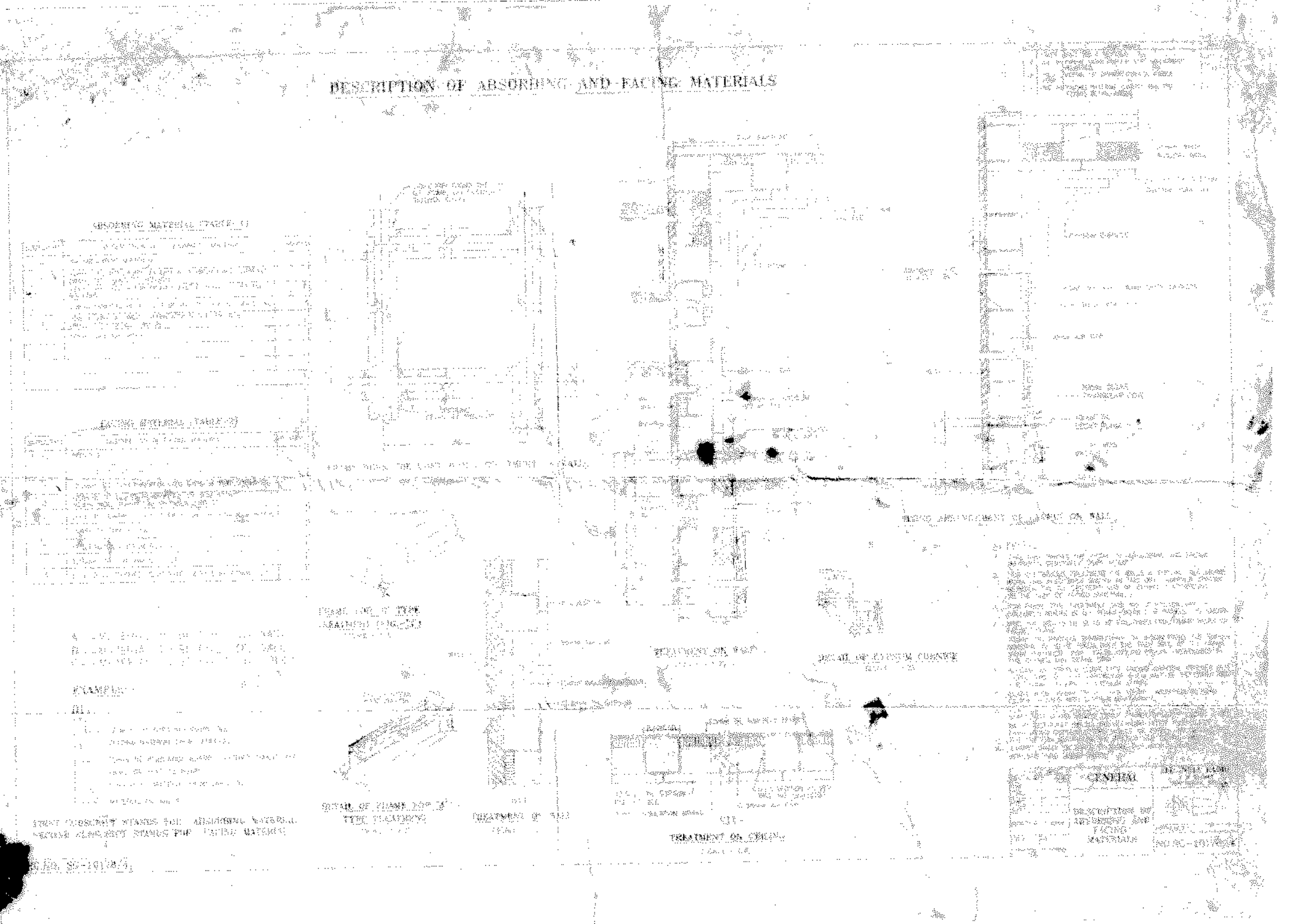
a) GSTIN No: …… b) PAN No……

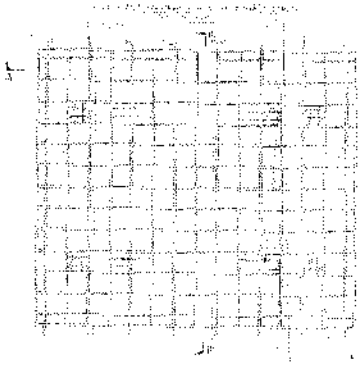
3) **Delivery at:** Refurbishing of studios at Akashvani Udaipur (Rajasthan).
4) **Consignee:** Installation officer, Akashvani Udaipur (Rajasthan).
5) **Completion Period:** Execution/Completion of scope in good condition within 90days from the date of order.
6) **Validity:** 120days
7) **Payment terms:**
   - 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 Guarantee/Security Deposit:**
   - The firm/contractor should submit performance guarantee/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 Guarantee/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.

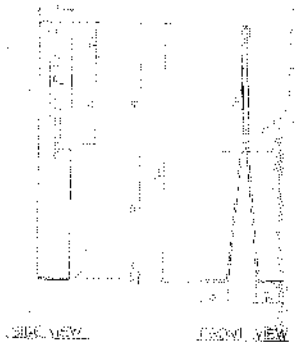
Name (in capital) _____

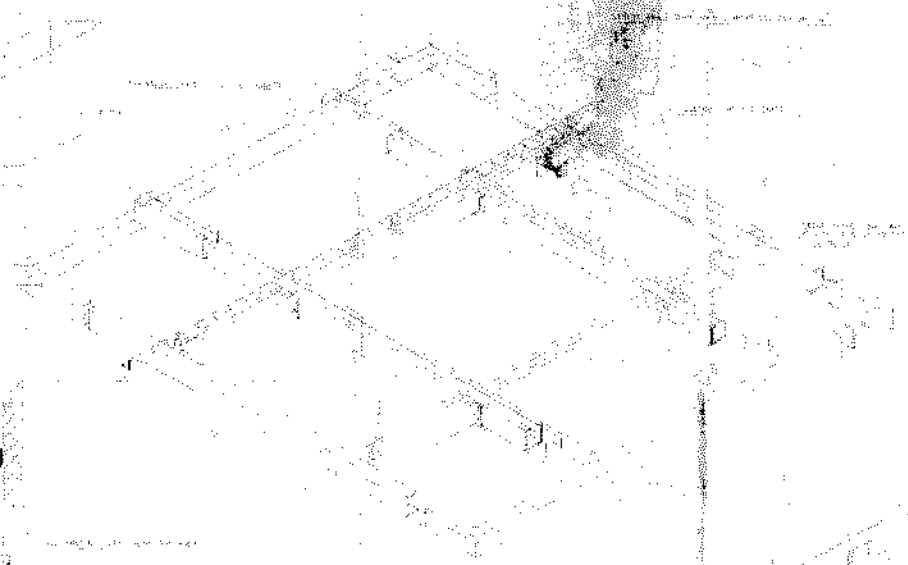
(Seal & Signature of the Bidder)

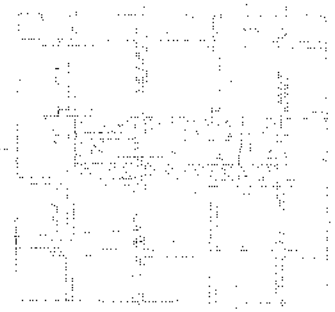
DESCRIPTION OF ABSORBING AND FACING MATERIALS

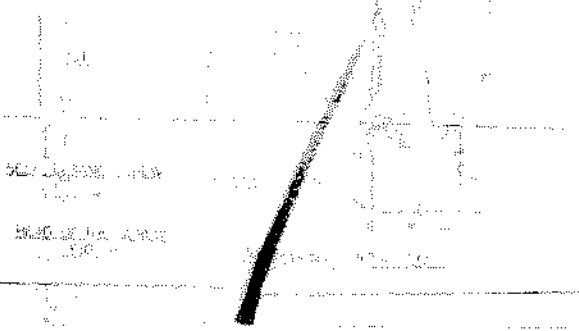








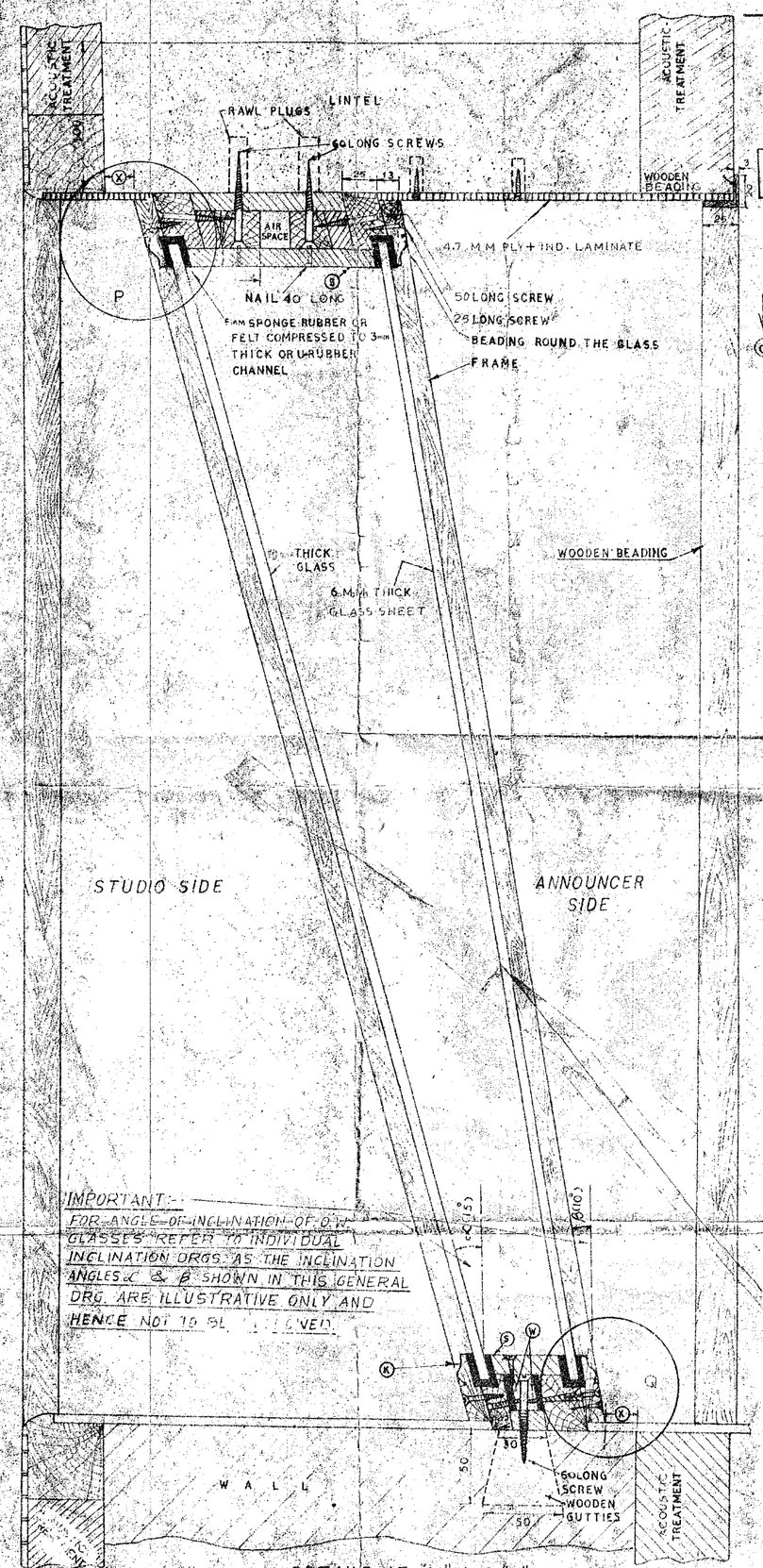




CONSTRUCTIONAL DETAILS OF METALLIC FRAME STRUCTURE FOR FALSE CEILING

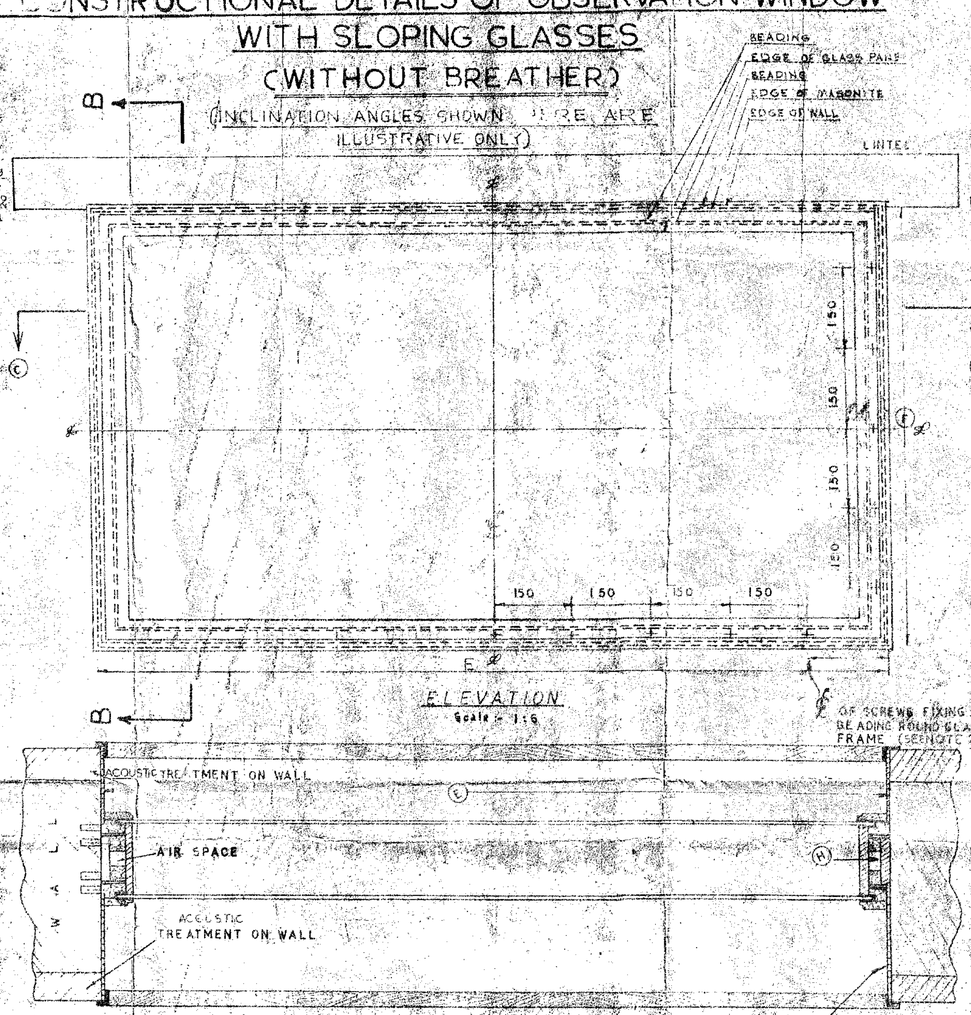
CONSTRUCTIONAL DETAILS OF OBSERVATION WINDOW WITH SLOPING GLASSES (WITHOUT BREATHER)

(INCLINATION ANGLES SHOWN HERE ARE ILLUSTRATIVE ONLY)



DETAILS AT "M" AND "N"

SCALE:- HALF SIZE.

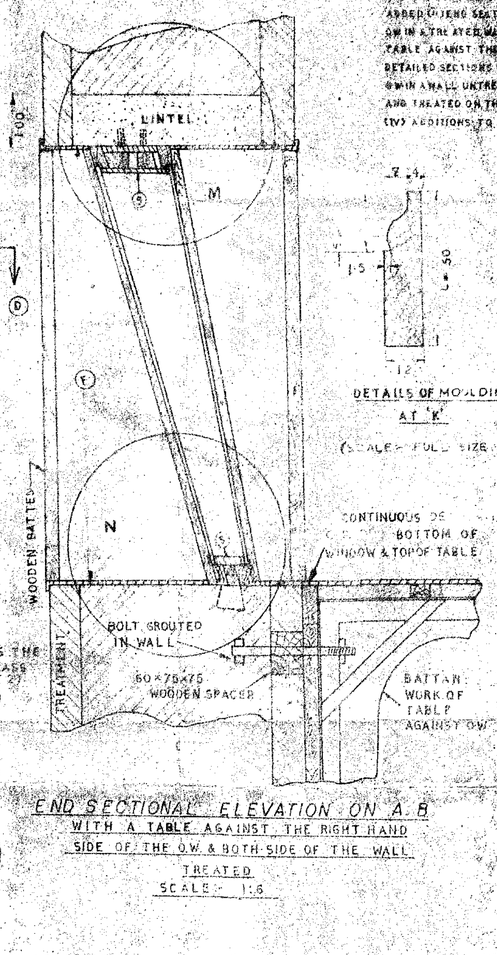


ELEVATION

Scale - 1:6

LONGITUDINAL CROSS SECTIONAL PLAN AT © - ®

SCALE 1:6



END SECTIONAL ELEVATION ON A B WITH A TABLE AGAINST THE RIGHT HAND SIDE OF THE O.W. & BOTH SIDE OF THE WALL TREATED

SCALE - 1:6

DETAILS OF MOULDING AT 'K'

(SCALE - FULL SIZE)

NOTES:-

1. THE SLOPES OF THE GLASSES ON EITHER SIDE OF THE OBSERVATION WINDOW SHOWN IN THIS DRAWING ARE ONLY TYPICAL. THE SLOPES FOR EACH LOCATION WILL BE WORKED OUT AND INTIMATED SEPARATELY.
2. THE SCREWS AND NAILS SHOWN MAY BE STAGGERED SUITABLY TO AVOID OVERLAPPING.
3. THE ARRANGEMENT SHOWN IN THIS DRAWING IS FOR A WALL THICKNESS OF 365. WHERE THE THICKNESS OF WALL IS GREATER OR SMALLER THE SPACING BETWEEN GLASSES WILL ALTER. THE IMPORTANT CONSIDERATION TO BE BORN IN MIND IS THAT THE TOP ARRANGEMENT ON ONE SIDE OF THE WALL SHOULD BE AS AT "P" AND THE BOTTOM ARRANGEMENT ON THE OTHER SIDE OF THE WALL AS AT "Q". SEE ALSO NOTE. 8.
4. THE DETAILS AT THE BOTTOM "N" ARE DIFFERENT FROM THE DETAILS AT TOP "M" DUE TO THE SMALL SPACE BETWEEN GLASSES AT THE BOTTOM WHERE THE SPACING WILL PERMIT IT, THE CONSTRUCTION AT THE BOTTOM ALSO SHOULD BE SIMILAR TO THAT AT THE TOP "M" TO IMPROVE THE SOUND INSULATION. SEE ALSO NOTE (9).
5. THE MATERIAL AT THE TOP AND BOTTOM AND SIDES OF THE OBSERVATION WINDOW SHALL BE DECORATIVE LAMINATE OVER COMMERCIAL BOARD. THE WOODEN BEADINGS ALL ROUND THE OPENING AND THE BEADINGS ON THE GLASS FRAME SHOULD BE POLISHED TO A LIGHT TEAK SHADE TO MATCH THE SKIRTING & WAINSCOT WOOD WORK.
6. IT IS IMPORTANT TO MAKE U SHAPED SPONGE RUBBER FELT OR U-RUBBER CHANNEL PACKING ROUND GLASSES JUST TIGHT. IT SHOULD NOT BE TOO TIGHT AS THAT WILL LOWER THE INSULATION. WHERE FELT IS USED IT SHOULD BE WHITE SO AS TO MATCH INSULATION BOARD SHADE.
7. THE EXPOSED I.B. SURFACES AT "S" ARE TO BE PAINTED IVORY WHITE.
8. THE SPACINGS MARKED (X) AT (P) AND (Q) IS FROM THE EDGE OF THE ACTUAL WALL SURFACE AND NOT FROM THE EDGE OF THE TREATED SURFACE. THE ACTUAL VALUE SHALL BE AS PER PROJECT DRG.
9. THE WOODEN BATTEN (W) IS IN TWO PIECES. THESE TWO BATTENS WILL REMAIN APART WITH AN AIR SPACE IN BETWEEN WHEN SPACE PERMITS. IF SPACE IS LIMITED THE TWO BATTENS WILL BE TOGETHER AS SHOWN IN DRAWING.
10. THE AIR SPACE AT (H) WILL GO ON INCREASING AS THE SECTION © - (D) MOVES TOWARDS THE TOP & DECREASING AS THE SECTION MOVES TOWARDS THE BOTTOM OF THE O.W.
11. WHEN THERE IS A TABLE AGAINST THE O.W. THE LAMINATE COVERING ON THE SILL OF THE O.W. IS TO BE CONTINUOUS WITH THE TABLE TOP AND IS TO REMAIN UNPAINTED. THE BEST OF THE THREE SIDES OF THE O.W. WILL BE IN ACCORDANCE WITH NOTE (5) ABOVE.
12. WHEN THE OBSERVATION WINDOW IS SET IN A WALL WHICH IS NOT TREATED ON EITHER SIDE, THERE SHOULD BE ONE U. OVER COVERING ON THE TOP, BOTTOM AND SIDES OF THE O.W. AND NO BEADINGS ON THE EDGES ON BOTH SIDES OF THE O.W.
13. WHEN ONE SIDE ONLY OF THE WALL CONTAINING THE O.W. IS TREATED THEN, THE RESPECTIVE SIDE OF THE O.W. WILL BE DEALT WITH AS IN NOTES 5 AND 12 ABOVE RESPECTIVELY.
14. FOR DETAILS OF THE TABLE SHOWN AGAINST THE O.W. SEE RE... DRG.
15. ~~LENGTH (L) OF BEADING IS 50 WHEN THERE IS NO MASONITE ON THE SILL OF THE O.W. WHEN THERE IS MASONITE (L) SHOULD BE DECREASED BY THE THICKNESS OF MASONITE~~
16. FOR AN O.W. OF SIZE 1525 X 840 LENGTH (L) = 1525 & HEIGHT (F) = 840
    FOR AN O.W. OF SIZE 1830 X 915 LENGTH (E) = 1830 HEIGHT (F) = 915
    FOR AN O.W. OF SIZE 1065 X 610 LENGTH (E) = 1065 HEIGHT (F) = 610
    FOR AN O.W. OF SIZE 1220 X 760 LENGTH (E) = 1220 HEIGHT (F) = 760
17. IN CASE 10MM THICK GLASS IS NOT AVAILABLE 6MM THICK GLASS MAY BE USED
18. ~~ANGLE OF INCLINATION OF THE GLASS ARE α AND β IN THIS DRAWING~~

    ~~THE INCLINATION SHALL BE DECIDED IN INDIVIDUAL CASES~~

IMPORTANT:- FOR ANGLE OF INCLINATION OF O.W. GLASSES REFER TO INDIVIDUAL INCLINATION DRGS. AS THE INCLINATION ANGLES α & β SHOWN IN THIS GENERAL DRG. ARE ILLUSTRATIVE ONLY AND HENCE NOT TO BE FOLLOWED.

S.NO.	DATE	MODIFICATIONS
9.	267.70	RETRACED. NOTE 15 & 18 DELETED.
7.	221.72	NOTE NO 18 ADDED.
6.	31.5.65	RUBBER CHANNEL INCLUDED FOR PACKING ROUND THE GLASSES.
5.	18.2.57	NOTE NO 17 ADDED.
4.	20.9.54	NOTE NO 16 ADDED.
3.	28.4.53	NOTE NO 3 & 6 MODIFIED. NOTE NO ... ADDED. VIEW SHOWING DETAILS AT M MODIFIED TO INDICATE BEADING DETAILS FOR A T.G. TREATED WALL. DETAILS OF BEADING AT "N" ADDED.

(DIMENSIONS ARE IN M.M.)

	DATE	NAME
DRN	1.9.52	S.D. LAL
CHD	25.1.53	KRISHNA MURTY
TRD	20.1.53	HARI SH.
COMP		
C.D		

GENERAL

CONSTRUCTIONAL DETAILS OF O.W. WITH SLOPING GLASSES

SCALE - AS SHOWN

ALL INDIA RADIO P&D UNIT NEW DELHI, INDIA

APPROVED

SG-10001

DRG. NO:- SG-10001