

INVITATION TO BID

No. DDK/JAI/1(39)/2013-14 E

**SUBJECT: SUPPLY OF 32X32 HD/SD-SDI Audio/Video Router for
DDK Jaipur**



**Prasar Bharti
(India's Public Service Broadcaster)
Office of The Dy. Director General (E)
Doordarshan Kendra,
Jhalana Doongri
Jaipur-302004
E-mail:- ddkjaipur@gmail.com**

PRASAR BHARTI
(India's public Service Broadcaster)
DOORDARSHAN KENDRA
JHALANA DOONGRI : JAIPUR 302004

File No. DDK/JAI/1(39)/2013-14 E

Dated 09.10.2013

M/S _____

INVITATION TO BID

On behalf of Prasar Bharti, sealed quotations are invited by this organization in the prescribed Bid Forms at Appendices, 2 to 7 of 'Instructions to Bidders' enclosed at Annexure – I. The details of quotation are given in the schedule below:

- | | | |
|----|-----------------------------------|---|
| 1 | Quotation No. | : DDK/JAI/1(31)/2013-14 E |
| 2 | Description and quality of Stores | SUPPLY OF 32X32 HD/SD-SDI Audio/Video Router
DDK Jaipur |
| 3. | Delivery Period | : Within six weeks from date of purchase order. |
| 4 | Earnest Money | : 2% of the bid value in the form of A/c payee D/D, Bankers Cheque or a Bank Guarantee from Nationalized/Commercial Bank. |
| 5 | Bid Validity up to | : 120 (One Hundred Twenty) days from the date of Opening of the Technical Bid. |
| 6 | Warranty | : Required as per clause 8 of Annexure – II General Terms and Conditions |
| 7 | Performance Guarantee/ | : Required as per Annexure - II (General Terms and Conditions) |
| 8 | Security Deposit Amount | : 5% of the order value in form of Bank Guarantee/FDR . |
| 9 | Validity of Security Deposit | : 60 (Sixty) days beyond the date of expiry of Warranty / guarantee period |
| 10 | Correspondence Address | Dy. Director General(E)
Doordarshan Kendra
Jhalana Doongri
Jaipur – 302004 |
| 11 | Paying Authority | : Deputy Director General(E)
Doordarshan Kendra
Jaipur-302004 |
| 12 | Tech. Bid opening date | : 13.11.2013 at 1500 Hrs |
| 14 | Terms of Delivery | : Dy. Director General(E), Doordarshan Kendra
Jhalana Doongri, Jaipur – 302004 |

15. **Important Instructions:** The tender/quotation will be governed by the ‘Instructions to the Bidder’ as per Annexure – I; ‘General Terms & Conditions’ placed at Annexure – II, and ‘Technical Specifications’ placed at Annexure – V.

Deviations / Exceptions to the clause, if any, should be explicitly recorded seriatim as a separate Annexure (Appendix 3), in your offer, failing which, all the clauses shall be deemed to have been accepted by you.

Two-Bid System shall be followed for this tender/quotation. Tender/quotation should take due care to submit tender/quotation in accordance with requirement in sealed covers as specified in clause 2 of ‘Instructions to Bidders’ (Annexure – I). Bid evaluation criteria at Annexure – III shall be the basis for the evaluation of tenders/quotations.

The Technical and Commercial Bid should be submitted in separate sealed covers.

The tender/quotation while submitting their bid must adhere to the following instructions of Central Vigilance Commission; otherwise their offer is likely to be ignored.

1. One Agent / Dealer / Supplier shall not represent two manufacturers or quote on their behalf in a particular tender/quotation i.e., one bidder shall quote one type of equipment in a particular tender/quotation.
2. Tender/quotation documents submitted by the tender/quotation shall be neatly tied and each page numbered and signed and stamped by them.

NOTE : THE FOLLOWING SHOULD BE SUBMITTED ALONGWITH THE TENDER/QUOTATION

(a) Original Equipment Manufacturer’s Authorization for equipment quoted.

(b) Past Performance along with the user certificate in respect of timely and good quality supply of equipment in respect of items quoted for the past three years.

(A.K. Tambi)
Assistant Engineer
For DDG (E)

LIST OF ANNEXURES

Annexure I

1. INSTRUCTIONS TO BIDDERS

Appendix 1	:	Bid Documents Acknowledgment Form
Appendix 2	:	Bid Submission Form and Agreement
Appendix 3	:	Exception/Deviations Performa
Appendix 4	:	Past Supplies Performa
Appendix 5	:	Bidders Information Performa
Appendix 6&6A	:	Price Bid Performa
Appendix 7&8	:	Authorization Letter for attending tender/quotation Opening & Bill of Material respectively.

Annexure II : GENERAL TERMS AND CONDITIONS (GTC)

Annexure III : BID EVALUATION CRITERIA

Annexure IV&V : DESCRIPTION OF STORES AND TECHNICAL SPECIFICATIONS

(Please sign each page of these conditions and send it with your offer)

1. PREPARATION OF TENDER/QUOTATION

- (I) Bid shall be submitted in the prescribed Performa as per appendices 2 to 8. The Bid duly filled in and signed should be returned intact whether you are quoting for any item or not. When items are not being tender/quotation for, the corresponding space should be defaced by some such words as "Not quoting".
- (II) In the event of the space on the Bid being insufficient for the required purpose, additional pages may be added. Each such additional page must be numbered consecutively, showing the Tender/quotation Number and duly signed. In such cases, reference to the additional page must be made in the tender/quotation form.
- (III) The Bid referred to above, if not returned or if returned by not duly filled in, will be liable to result in rejection of the tender/quotation.
- (IV) Bidders are advised in their own interest to ensure that all the points brought out in the check list enclosed at Appendix 4 are complied with in their offer failing which the offer is liable to be rejected.
- (V) The bids can only be submitted in the name of the bidder in whose name the bid documents are issued. The tender/ quotation papers shall be filed in and complete in all respects shall be submitted together with requisite information and Annexures. It shall be complete and free from ambiguity, change or interlineations. The bidder's tender/quotation and any annotations or accompanying documentations shall be in English -language. Bidders should indicate at the time of quoting against this tender/quotation their full postal and telegraphic/telex/E-mail addresses. Bidders shall sign their proposal with the exact name of the firm to whom the contract is to be issued. The tender/quotation shall be duly signed and sealed by an executive officer of the bidder's organization. Each page of the tender/quotation shall be signed by a duly authorized officer and in the case of a corporation the same shall be sealed with the corporation seal or otherwise appropriately executed under seal. Bidder shall clearly indicate their legal constitution and the person signing the tender/quotation shall state his capacity and also source of his ability to bind the bidder. The power of attorney or authorization or any other document consisting of adequate proof of the ability of the signatory to bind the bidder, shall be annexed to the tender/quotation. This Organization may reject outright any tender/quotation unsupported by the adequate proof of the signatory's authority.
- (VI) It must be ensured that each page of the tender/quotation including terms and conditions and Bid Evaluation Criteria (Annexures I, II and III) are signed by bidder and returned to this office along with offer.

2. DELIVERY OF TENDER/QUOTATION

- 2.1 The tender/quotation will be on the basis of "Two bids system" and offers are to be submitted in separate sealed covers. The first inner sealed cover will contain "Technical Bid" and have all details of equipment to be supplied including a copy of "Commercial Bid" with price column blanked out. There will be no mention of price anywhere in the "Technical Bid". Earnest money /Bid Bond will also be sent in above first inner cover. This cover will clearly be superscripted with "Technical bid" along with tender/quotation number and item description.

The second sealed inner cover will contain all the commercial details of the bid and will be clearly superscribed with "Commercial Bid" along with tender/quotation number. These two covers shall be put into an outer cover and sealed. The outer cover should duly bear the tender/quotation number and date of closing/opening prominently underlined along with the address of this office.

If on the basis of technical evaluation clarification is sought, the bidder, if considers it necessary to change the prices quoted by him the revised bids in respect of all the items would be sent by the bidder in a sealed cover clearly superscribed a "Revised commercial Bid" which will be opened at the same time as the original commercial bid and only revised commercial bid will be taken into account for the BID Evaluation.

All GTC attached with the invitation to tender/quotation are sacrosanct for considering any offer as a complete offer. It is therefore, important that all documents duly completed and signed are returned with your offer.

- 2.2 The right to ignore any offer which fails to comply with the above instructions is reserved. Only one tender/quotation should be included in one cover. **The envelopes having more than one tender/quotation will be rejected without any clarification.**
- 2.3 Your offer must reach this office not later than the time specified in the tender/quotation document, on the notified date of closing of the tender/quotation. Offers sent by hand delivery should be put in the tender/quotation Box or handed over to AE (Store) at this office at specified time & date. All outstation tender/quotations, if sent by post, should be sent with due care.
- 2.4 Any change in quotation after opening of tender/quotation WILL NOT BE CONSIDERED.
- 2.5 This organization will not be responsible for the loss of quotation or for the delay in postal transit.
- 2.6 Tender/quotation is advised in his own interest to ensure that his offer reaches this office well before the closing date and time of the tender/quotation as the offers received after the closing date and time of the tender/quotation will not be considered.
- 2.7 TELEX/ TELEGRAPHIC/ TELEFAX/ Email offers, whether received directly by this organization, will not be considered.
- 2.8 **It is mandatory for the Tenderer to give a visual presentation if asked on the offered system with a soft copy of it, at the Kendra after opening of Technical Bid. Date and time for presentation will be communicated accordingly through email. It is mandatory for The Tenderer to submit complete drawing/schematic diagram of the offered system as displayed during presentation.**
3. **VAGUE AND INDEFINITE EXPRESSION**

Tenders/quotations qualified by vague and indefinite expressions such as "subject to immediate acceptance" or "Subject to prior sale" etc. will not be considered.
4. **VALIDITY PERIOD OF OFFER**
 - 4.1 The Tender/quotation shall be valid for acceptance for the period as indicated in the "Invitation to Bid" (hereinafter referred to as validity period) and shall not be withdrawn on or after the opening of tenders/quotations till the expiration of the validity period or any extension thereof. The offers of these suppliers who have not kept the validity open till the period stipulated in the tender/quotation will be treated as un-responsive and will be ignored without making any back reference.
 - 4.2 The tenderer/quotationer will undertake not to vary/modify the tender/quotation during the validity period or any extension thereof.

5. OPENING OF TENDERS/QUOTATIONS

5.1 The tender/quotation will be opened at the time specified in the tender/quotation document, on the date of opening indicated in the "Invitation to bid." The tenderer/quotationer or his Authorized representative may be present at the time of opening of tender/quotation on the specified date, but a letter in the form annexed as Appendix-9 hereto must be forwarded to this office along with tender/quotation

document and a copy of this letter must be produced in the office by the person attending the opening of tender/quotation. Unless this letter is presented by him he may not be allowed to attend the opening of tender/quotation.

5.2 In case of unscheduled holiday on the closing/opening day of tender/quotation, the next working day will be treated as scheduled prescribed day of closing/opening of tender/quotation, the time notified remaining the same.

6. PRICE:

6.1 The price quoted must be net for per unit and must include all packing and delivery charges.

6.2 The tenderers/quotationers are requested to quote their firm prices. Any change or modification to the offer after opening of the tender/quotation will not be considered at all.

6.3 The bidder / tender/quotation is advised to quote rates keeping in mind that repeat order can also be placed up to 50% of the original quantity of any item(s) on the same terms and conditions as stipulated in the original purchase order during the validity of the order, or within six months of original supply order, whichever is later. It will be obligatory on the part of the supplier to execute such repeat order(s) also.

6.4 Spares, Annual Maintenance Contract and Optional Items shall be quoted separately in the price bid, wherever asked for. Spares, AMC and optional items will not form the part of commercial bid and will not count for deciding the lowest bidder.

6.5. Payment of excise duty and sales tax / VAT (on ultimate products)

Payment of excise duty and sales tax / VAT (on ultimate products) as applicable on the closing date of tender/quotation will be to supplier's account. In the case of "Two Bid" system where revised price bids are permitted after technical discussions payment of these charges as applicable on closing day of revised price bids, will be to supplier's/contractor's account. Any statutory variation (both plus and minus) in the rate of excise duty/sales tax/VAT after closing date of tender/quotation revised price bid but before the expiry of the contractual delivery/completion period along with price of initial lot of spares will be to the account of this Organization.

The bidder(s) will indicate in their bid the amount with exact rate of Excise and Sales Tax / VAT on ultimate finished product, as applicable at tendering/quotationing stage will be shown separately in the bid. In case the above information subsequently proves wrong incorrect or misleading (a) this Organization will have no liability to reimburse the excess in the difference in rates of the item under which the duty/tax assessed finally (b) this Organization will have the right to recover the difference in case the rate of duty /tax finally assessed is on the lower side.

Any increase in excise duty/Sales tax/VAT during extended period of the contract/supply order will be to supplier's/contractor's account where such an extension in delivery of the materials/completion of the project was on the request of supplier/contractor. However, any decrease in excise duty/sales tax/custom duty during extended period of the contract/supply order will be to the account of this Organization.

6.6 As the material, which is to be transported to the consignee, belongs to the Government of India / Prasar Bharti and therefore is exempted from entry tax / octroi duty / toll tax. However, if the State Governments / Statutory local Bodies are bound

to levy such taxes, the taxes will be paid by supplier / contractor. Supplier / Contractor may raise its claim, for reimbursement of such duties / taxed paid, with organization, along with original receipt of the payment.

- 6.7 The taxes like excise duty, sale tax / VAT, service tax, etc. as applicable on the goods / services shall be quoted separately in the price bids.
7. **Trade/ Volume discount:** Bidders will not indicate separate discount. Discount, if any, should be merged in the rates against the quoted items(s). Discount of any type indicate separately will not be taken into account for evaluation purposes.
8. **Eligibility criteria:** Bids should be from actual manufacturers. Bid from sole selling agents/Authorized distributors/authorized dealers can also be considered provided such bids are accompanied with necessary supporting documents/authority letter from OEM who authorized them to market their product, provided, further, such an authority letter is valid at the time of bidding. Required Warranty cover of the manufacturer for the product will be provided by such a supplier. Public sector undertakings manufacturing/proposing to manufacture the items indigenously and in collaboration with foreign manufacturer can also participate in the bid.
9. **Purchase preference for Product of Public Enterprises:** This Organization reserves its right to allow to the public enterprises, purchase preference facilities as admissible under the existing policy of the Government of India/Prasar Bharti and not accept the lowest rate quoted by the tenderer /quotationer.
10. **Scope of supply:** The delivery of the stores is required as stated in invitation to Bid on terms specified in clause 2 of General Terms and Conditions at Annexure II. Any deviation must be clearly mentioned.

11. Samples

- 11.1 Samples are not required unless specifically called for. When called for, each sample should have a card affixed with it and indicating:
- (a) Tenderer's/quotationer's name and Address.
 - (b) Tender/quotation No.
 - (c) Date of opening of tender/quotation.
 - (d) Item No. against which tendered/quotationed.
 - (e) Any other description.
- 11.2 The samples when called for should be sent to the purchasing authority along with the offer. The cost and freight of sending the samples shall be borne by the tenderer/quotationer and there will be no obligation on the part of receiving officer for their safe custody. Samples received late are liable to be ignored. If the samples are sent by Railway parcel, the Railway Receipt (RR) should be posted separately to the addressee to which the samples are sent (under covering letter giving the particulars of tender/quotation number and due date) well in advance to enable the addressee to get the parcel released before the date of opening of the tender/quotation.

The RR should not be sent along with the offer. Sample submitted with the tenders/quotation which have not been accepted, will , if have not been destroyed during testing, be delivered at your cost provided the application for return is made to the officer to whom the samples are sent within one month of the date fixed for the

opening of tender/quotation or after modification/cancellation of demand. This Organization will not be liable for loss, damage or breakage in respect of samples. If no application is received within the due date, samples will be disposed off by public auction and the sale proceeds shall be credited to this Organization.

12. **Consideration of offer in full or in part. :** This Organization may reject/accept or prefer any tender/quotation without having to assign any reason whatsoever. This Organization also reserves to itself the right to accept any tender/quotation in part or split the order between two or more bidders. Tenderers/quotationers are at liberty to quote separate rates for the whole quantity as well as reduced quantity.
13. **Acceptance of offer by Telex/Telegram/Fax:** Acceptance by the Purchaser may be normally communicated by telex/Telegram/Fax. In case where acceptance is communicated by telegram/telex/fax the regular order will be forwarded as soon as possible but the instructions contained in the telegram/telex/Fax should be acted upon immediately. With the issue of telegram/telex/Fax of acceptance the contract shall be deemed to have concluded. Contract shall mean and include the invitation to tender/quotation instructions to tenderers/quotationers, tender/quotation, acceptance of tender/quotation, supply orders particulars and the general and special conditions specified in the acceptance of tender/quotation.
14. **Specifications**
 1. Unless otherwise asked for the offer of "Makers design or for alternative specification, the tenderer/quotationer must note that his offer, will be rejected in case the tender/quotation stipulations are not complied with strictly or the goods offered do not conform to the required specifications indicated therein. The lowest tender/quotation will be determined from among those tenders/quotations which are in full conformity with the required specifications.
 2. In case the offers have been asked for "Maker's design" or for alternative specifications, the tender/quotation will clearly indicate as to how the materials being offered will serve this Organization's purpose and in what respect the offer differs from the required specifications.
 3. If this Organization finds that materials are not of the correct quality or not according to required specification or otherwise not satisfactory owing to any reason of which the Organization will be the sole judge, the Organization will be entitled to reject materials, cancel the contract and buy its requirements in the open market at the risk and cost of supplier, reserving always to itself the right to forfeit the security deposit placed by the supplier for fulfillment of the contract.
15. **Bid Bond/Earnest Money/Security Deposit/Performance Bond:**
 - 15.1.1 **Earnest Money:**
 - 15.1.2 The bidders must enclose with their technical bid, earnest money in the form of FDR / Bank Draft / Banker's Cheque in favour of Drawing & Disbursing Officer Doordarshan Kendra, Jaipur from a Scheduled Commercial Bank. The earnest money should initially be valid up to 60 days beyond period of Bill validity.
 - 15.1.3 Offers without Earnest Money will be ignored.
 - 15.1.4 The Earnest money deposited by the tenderer/quotationer shall be forfeited by this Organization in the following events:
 - a) If tender/quotation is withdrawn during the validity period or any extension thereof.
 - b) If tender/quotation is varied or modified in a manner not acceptable to this Organization during the validity period or any extension of the validity duly agreed by the bidder.
 - c) If a tenderer/quotationer, whose tender/quotation has been accepted, fails to furnish

Security deposit, performance bank guarantee within 30 (Thirty) days before the expiry of bank guarantee bid bond.

15.1.5 The earnest money/bid bond of unsuccessful bidders will be returned on finalization of the tender/quotation. The earnest money/Bid Bond of successful bidder will be returned on receipt of security deposit/performance bond.

15.2 **Security deposit /Performance Bond.** The successful bidder, within 30 (Thirty) days of the receipt of order/advance order/letter of intent, will be required to send security deposit in the form of crossed bank draft in favour of Drawing & Disbursing Officer, Doordarshan Kendra, Jaipur or in lieu thereof Performance Bond for the amount as indicated in the "Invitation to Bid".

16. **Catalogue/Literature of the equipment & spare parts:** After receipt of supply order, the supplier will send two copies of catalogue of spare parts /Manuals of operation/maintenance/repair to the purchaser. The supplier, in case of brought out items, will also invariably furnish name of the manufacturer, specification, test certificate and identification number. The purchaser will send acknowledgement of the receipt of above information/document. The supplier will send two copies of catalogue of spare parts/ manuals of operation/maintenance/repairs to the consignee along with materials. A certificate of compliance of above conditions will be sent by the supplier along with negotiable and non negotiable copies of Bill of lading. The quotations must accompany necessary literature of the equipment/catalogue of spare parts, failing which the offer will be rejected.

17. **Transfer of Tender/quotation documents.** The tender/quotation is non-transferable.

18. **Correspondence**

(1) Fax : 91 – 141 – 2707506, E-Mail : ddkjaipur@gmail.com

(2) All correspondence from tenderer/quotationer/supplier shall be made to the Purchaser Authority (by name) who has issued this tender/quotation.

(3) All correspondence shall bear reference to Tender/quotation No. / Purchase Order.

19. **Order on Higher Tenderer/quotationer:** It should be noted that if a supply order is placed on a higher tenderer/quotationer in preference to the lowest acceptable offer in consideration of an earlier delivery, the supplier will be liable to pay to the Purchaser, the difference between the contract rate and the rate quoted by the lowest acceptable tenderer/quotationer in case he fails to complete the supply in terms of such contract within the specified date of delivery. This is without prejudice to other rights under terms of contract.

20. **Payment Terms**

a. **The supplier will submit its bill for 90% of the material cost along with copy of Inspection Certificate to the consignees after satisfactory commissioning of the system at the Kendra. Consignee will complete necessary formalities at his end and verify the bill and submit to the paying authority along with measurement book for making payment.**

b. The bills for balance 10% of material cost will be submitted by the suppliers along with proof of the deposit of performance security money for guarantee / warranty period to the consignee. Consignee will verify the bill and submit the same to the paying authority for release of payment.

21. **UNSOLICITED POST TENDER/QUOTATION MODIFICATION**

In case certain clarifications are sought by this Organization after opening of tenders/quotations, then the reply of the bidder should be restricted to the clarifications sought. Any bidder who modifies his bid (including a modification which has the effect of altering the value of his offer) after the closing date without specific reference by this Organization shall render the bid liable to be ignored and rejected without notice and Without further reference to the bidder. Canvassing in any form by the bidders shall also render the bid liable to be ignored and rejected without notice and without further reference to the bidder.

22. **Clarification in respect of incomplete offers:** This Organization has to finalize its purchase within a limited time schedule. Therefore, it may not be feasible in all cases for this Organization to seek clarifications in respect of incomplete offers. Prospective bidders are advised to ensure that their bids are complete in all respect and conform to our terms and conditions and Bid Evaluation Criteria of the tender/quotation. Bids not complying with this Organization's requirements may be rejected without seeking any clarifications.
23. **Income Tax Liability:** The bidder will have to bear all Income Tax liability both corporate and personal tax.
24. **Offers from indigenous manufacturers:** Indigenous manufacturers quoting against this tender/quotation should clearly indicate
 - (i) If the product offered is to be manufactured as per indigenous know-how/design or under concluded collaboration, the party may be indicated.
 - (ii) Details of manufacturing and testing facilities and quality control procedures available with them.
 - (iii) Number of qualified persons and total employees etc.
 - (iv) Details of latest income tax clearance.
 - (v) Sales tax registration.
25. **After sales service and Training:** The tenderer/quotationer must furnish complete details of after sales service arrangements including training to be provided in respect of the equipment. After sales service arrangements should include details of infrastructural facilities available in the country. The training should be made available free of cost at sites in India. Failure to give this information will lead to automatic rejection of the offer, without any back reference to the bidder.
26. **Replacement/ Rectification:** In the event the stores/equipments/materials supplied against the contract are found to be defective, the supplier will have to take them back at his own cost and if so instructed by this Organization, to replace/rectify the defects free of charges without loss of time. The supplier will not be entitled to dispose off the stores/equipment/material given for replacement/rectification without the prior permission of this Organization. All charges concerned with the rectification including freight charges will be borne by the supplier.
27. **Evaluation/ Scrutiny of Bids:** Technical/commercial bids shall be undertaken in accordance with the prescribed procedure by a committee of the Organization, duly constituted for this purpose. The technical evaluation would be based on (i) assessment of technical capability of tenderer/quotationer to manufacture tendered/quotationed items; (ii) capability of tenderer/quotationer to effect supplies tendered/quotationed in stipulated time as assessed on the basis installed capacity for manufacturing and turnover of tendered/quotationed items in preceding two years; and (iii) past record of timely and good quality supply by the tenderer/quotationer in preceding two years.

28. **Employment by firms to officials of this Organization.:** Firms/ companies who have or had business relations with the Organization, are advised not to employ serving employees of this Organization without its prior permission or within the initial two year period after the retirement/resignation/severance from the service without specific Permission of this Organization. This Organization may decide not to deal with such firms who failed to comply with the above advice.
29. **Arbitration:** If any dispute, difference, question or disagreement shall at any time, hereafter arise, between the parties hereto or the respective representatives or assignees in connection with or arising out of the contract or in respect of meaning of specifications, design, drawings, estimates, schedules, annexure, orders, instructions the construction, interpretation of this agreement, application of provisions thereof or anything hereunder contained or arising or as to the rights, liabilities or duties of the said parties hereunder or any matter whatsoever incidental to his contract or otherwise concerning the works of execution or failure to execute the same, whether during the progress or works of stipulated / extended period or before or after the completion or abandonment thereof, it shall be referred to the sole arbitration of the person appointed by the Deputy Director General, Doordarshan Kendra, Jaipur. There will be no objection to any such appointment that the arbitrator so appointed is an employee of this organization or that he had to deal with the matters to which the contract relates and that in the course of his duties as this organization's employee he had expressed views of all or any of the matters in dispute or difference.

If any arbitrator to whom the matter is referred dies or refuse to act or resigns for any reason from the position of the arbitrator. It shall be lawful for the Deputy Director General, Doordarshan Kendra, Jaipur, to appoint another person to act as arbitrator in the manner aforesaid. Such person shall be entitled to proceed with the reference from the stage at which it was left by his predecessor if both the parties consent to Deputy Director General, Doordarshan Kendra, Jaipur, to this effect failing which the arbitrator will be entitled to proceed de-novo.

It is a further term of this contract that no person other than the person appointed by the Deputy Director General, Doordarshan Kendra, Jaipur as aforesaid shall act as arbitrator and that, if for any reason that is not possible, the matter is not to be referred to the arbitration at all. The arbitrator(s) may from time to time, with the written consent of all the parties to the contract enlarge the time for making and publishing the award. It is a term of the contract that the party invoking arbitration shall specify the disputes to be referred to arbitration under the clause. It is also term of the contract that the contractor shall not stop work under this contract and work shall continue as expected to continue whether the arbitration proceedings have commenced or not. The arbitrator shall give reasonable award in respect or each dispute or difference referred to him. The award as aforesaid shall be final and binding on all the parties to the contract in accordance with the law. The venue of the arbitration shall be at Jaipur (Rajasthan)(India). Subject to as aforesaid, the provision of the Indian Arbitration Act, 1940 and any statutory modifications or re-enactments thereof and rules made there under and for the time being in force shall apply to the arbitration proceedings under this clause.

APPENDIX-1

PROFORMA FOR BIDDERS TO ACKNOWLEDGE THE BID DOCUMENT

Dated:

Dear Sirs,

We hereby acknowledge receipt of a complete set of Bid Documents pertaining to procurement of _____ against _____

We have noted that the closing date for receipt of the tender/quotation by you is the time specified in the tender/quotation document and opening at specified time and date.

We guarantee that the contents of the above said Bid Package will be kept confidential within our company and text of the said package shall remain the property of your Organization and that the said documents are to be used only for the purpose intended by your Organization.

Our address for further correspondence on this tender/quotation will be as under:

Telex No.

Telephone No.

E-Mail No.

Personal Attention of (If required):

Yours faithfully

APPENDIX-2

Bid Submission Form and Agreement

Tender /quotation No.

To,

The Dy. Director General(E),
Doordarshan Kendra,
Jhalana Doongri
Jaipur-302004

Dear Sirs,

1. I/We hereby offer to supply the stores detailed in schedule hereto or such portion thereof as you specify in the Acceptance of Tender/quotation at the price given in the said schedule and agree to hold this offer open tillI/We shall be bound by the communications of acceptance dispatched within the prescribed time.
2. I/We have understood the "Instructions to Bidders", the instructions to the tenderer/quotationers in the booklet DGS&D-229 and accepted the "conditions of contract" and the conditions of the contracts as contained in DGS&D-68 (R) for supply and have thoroughly examined the specifications, drawings and/or pattern quoted in the schedule hereto and am/are fully aware of the nature of the stores required and my/our offer is to supply stores strictly in accordance with the requirements.
3. The following pages have been added to and form part of this tender/quotation.
4. Agreement at Appendix 2 on purchase of Tender/quotation documents and submission of Tender/quotation has been duly signed and returned herewith.

Yours faithfully,

Signature of Tenderer/quotationer

Address

Date

Signature of witness

Address

APPENDIX-3

EXCEPTION/DEVIATION PROFORMA

This Organization expects the bidders to fully accept the terms and conditions of the tender/quotation document. However, should the bidder still envisage some exception/deviations to the terms and conditions of the tender/quotation documents, the same should be indicated here and put in unpriced bid i.e. 'Technical Bids'. The price effect for withdrawal of such exception(s) to be indicated in the price bids only. If this proforma is left blank, then it would be presumed that bidder has not taken any exception/deviations to the terms and conditions of the tender/quotation documents.

Clause No. of Tender/quotation document	Full compliance not agreed	Exception/deviation taken by Bidder	Confirmation if price effect for withdrawal of this exception has been specified in the Price Bid	Remarks

Signature of the
Bidder/Tenderer/quotationer

Name _____

Seal of the Company

APPENDIX-4

BIDDERS PAST SUPPLIES PROFORMA

Sl. No.	Name & Address of client	Period from	Description in detail	Total quantity supplied successfully	Remarks

Note: Certificate from clients to be enclosed along with this proforma.

APPENDIX-5
BIDDERS INFORMATION PROFORMA

Tenderer/quotationer must give specific answers against each of the following questions.

Tender/quotation No. _____

Due for opening

Whether stores offered conform to particulars quoted at Annexure-IV, if not, details of deviations must be stated here.

2. (i) Brand
- (ii) Name & address of the manufacturer/supplier.
3. Date by which delivery can be completed.
4. Packing: whether specification packing will be adhered to:
5. Gross weight of Consignment /Net weight of each item.
6. Here please state specifically whether the price tendered/quotationed by you, as to the best of your knowledge and belief, is not more than the price which is permissible to you to charge a private purchaser for the same class and description of goods under the provision of any law for the time being in force. If not, state the reason and margin of profit.
7. Business name and constitution of tendering/quotationing firm. Is the firm registered under?
 - (i) The Indian companies Act, 1913.
 - (ii) The Indian Companies Act, 1932/1956
 - (iii) Any other Act, if not who are owners? (Please give a full name).
8. VAT / Sales tax registration if any
9. PAN No. / TIN No.
10. Central Sales Tax Registration No. if any
11. Annual turnover for last 3 years. (Enclose audited Annual Reports)
 11. Present worth of tendering/quotationing firm.
 12. Whether LSU or SSI
 - 12.1 In case you are registered with NSIC under Single Point Registration Scheme for the items quoted, confirm whether you have attached a photocopy of Registration Certificate indicating the items for which you are registered.
 - 12.2 In case you are not registered with either NSIC/DGS&D, please state that you are registered with the Directorate of Industries of the State Govt. concerned if so, attach a copy of certificate.

E-mail:

Signature of Tenderer/quotationer

Date _____

**APPENDIX-6
PRICE BID**

Schedule of Rates

(To Be Filled In By Tenderers/quotationers)

Tender/quotation No _____ Tender/quotation's Name _____
 Due Date _____ Tenderer/quotationer's Quotation No. _____
 Validity of Quotation _____

S.No	Description of Item	Quantity	Unit	Rate per unit (both in figures and words)	Total (both in figures and words)	Taxes if any (rate & amount)
1	2	3	4	5	6	7
Total (Both in words & figures)						

Grand Total (6+7) in Rs.
 (Both in words & figures)

Tenderer/quotationer's Signature
 Date
 Seal

Note

1. Please indicate prorata break up details of all identifiable items of supply of stores and ITC /ETC cost in proforma Appendix-6A enclosed.
2. The statutory charges like Excise Duty, VAT/Sale Tax, Service Tax etc which will not be borne by the bidder must be indicated with % rates as applicable in column 7 above, failing which this Organization will not be liable for payment of any such charges.
3. State Entry Tax, Toll Tax and other taxes which are collected by statutory bodies on the way during transportation of materials **shall not be included in the price bid.** These taxes, if paid, may be reimbursed as per actual on claim with original receipt of payment.

APPENDIX-6A

PRICE BID

**Prorata Break Up Details of the Identifiable Items of Supply and ITC/ETC cost
(To Be Filled In By Tenderers/quotationers)**

Tender/quotation No _____ Tender/quotation's Name _____

Due Date _____ Delivery Period _____

Tender/ Quotation No _____ Validity of Quotation _____

S.No	Description of Item	Quantity	Unit	Rate per unit (both in figures and words)	Total (both in figures and words)	Taxes if any (rate & amount)
1	2	3	4	5	6	7
	ITC Charges					
Total (Both in words & figures)						

Grand Total (6+7) in Rs.
(Both in words & figures)

Tenderer/quotationer's Signature
Date
Seal

APPENDIX-7

To,

PRASAR BHARATI (BCI),
The Dy. Director General (E),
Doordarshan Kendra,
Jhalana Doongri
Jaipur-302004

SUBJECT : Tender/quotation No. _____ due on

Sir,

Sri _____ has been authorized
to be present at the time of opening of above tender/quotation due on
_____ at DDK,Jaipur on my/our behalf.

Yours faithfully,

Signature of Tenderer/quotationer

Copy to : Shri _____ for information and for
production before the time of opening of tenders/quotations.

ANNEXURE II

General Terms and Conditions (GTC)

(Each page must be signed and returned alongwith your offer)

1. **Definitions:** Unless inconsistent with or otherwise indicated by the context, following terms stipulated in this ORDER shall have the meaning as defined hereunder.
 - 1.1 **Order:** Shall mean written purchase order issued by this Organization to the successful bidder including subsequent amendments to ORDER in writing thereof.
 - 1.2 **The Organization /Purchaser:** Shall mean Dy. Director General(E), Doordarshan Kendra, Jhalana Doongri, Jaipur, acting on behalf of PRASAR BHARATI (India's Public Service Broadcaster) shall include all their legal representatives, successors and assignees.
 - 1.3 **Supplier/Contractor:** Shall mean any person or persons of firm or company in India as well as abroad whose bid has been accepted by this Organization and the legal representation, representatives, successors and permitted assignee of such person, persons, firm or company.
 - 1.4 **Sub-Contract:** Shall mean ORDER placed by the SUPPLIER for any portion, of the ORDER or work sublet with necessary written consent of this Organization on third party. Such sub-letting shall not relieve the contractor from any obligation, duty or responsibility under the Contract.
 - 1.5 **Sub-Contractor:** Shall mean any person or persons or firm or their legal representatives, successors, assignees to whom part of ORDER has been sub-let by the SUPPLIER after necessary consent of this Organization.
 - 1.6 **ORDER PRICE:** Shall mean the sum accepted or the sum calculated in accordance with the rates accepted by this Organization and amendments thereof and shall include all fees, registration and other charges paid to statutory authorities without any liability on the Organization for any of these charges unless specially agreed to, in writing by this Organization.
 - 1.7 **DELIVERY PERIOD:** Shall mean dispatch of the stores or receipt of the stores or installation and commissioning or erection and commissioning or fabrication and erection of the stores depending on the type of contract (Supply of stores / SITC / SETC) by the date specified in the ORDER.
 - 1.8 **DESTINATION:** Shall mean the location of the consignees for which this ORDER has been issued.
 - 1.9 **EQUIPMENTS/MATERIALS:** Shall mean and include any equipment, instruments, stores and goods to be supplied for under the ORDER and amendments thereto.
 - 1.10 **DRAWINGS:** Shall mean and include all Engineering sketches, general arrangements, layout drawing, sectional plans, and all elevations etc., related to the ORDER together with modification and revision thereto.
 - 1.11 **SPECIFICATIONS:** Shall mean and include detailed description, statements to technical data, performance characteristic and standards (Indian as well as international as applicable and as specified in the ORDER).
 - 1.12 **INSPECTORS:** Shall mean any person or outside Agency nominated by this Organization to inspect equipment, materials and services, if any, in the contract stage-wise as well as final before dispatch at SUPPLIERS Works and on receipt at destination as per the terms of the ORDER.

- 1.13 **TESTS:** Shall mean such process or processes to be carried out by the SUPPLIER as are prescribed in the ORDER considered necessary by this Organization or their representative in order to ascertain quality, workmanship, performance and efficiency of equipment or part thereof.
- 1.14 **APPROVAL:** Shall mean and include the written consent either manuscript, typewritten or printed statement under or over signature or seal as the case may be of this Organization or the representative or documents or other particulars in relation to the ORDER.
2. **SCOPE OF ORDER: 2.1** Scope of the order shall be as defined in the ORDER, specifications, drawings and annexure thereto.
- 2.2 Completeness of the EQUIPMENT/SITC/SETC shall be the responsibility of the SUPPLIER. Any equipment fittings and accessories, which may be specifically mentioned in the specification or drawing (s) but which are usual or necessary for the satisfactory functioning of the EQUIPMENTS (successful operation and functioning of the equipment being SUPPLIERS responsibility shall be provided by the SUPPLIER without any extra cost).
- 2.3 The SUPPLIER shall follow the best modern practice in the manufacture of high grade EQUIPMENT notwithstanding any omission in that the SUPPLIER shall in all respect design, engineer, manufacture and supply the same within delivery period to the entire satisfaction of the Organization.
- 2.4 **WORK TO BE CARRIED OUT UNDER THE ORDER:** All equipment to be supplied / SITC / SETC to be executed under the ORDER shall conform to and comply with the provision of relevant regulations/Acts (State Govt. or Central Govt.) as may be applicable to the type of equipment/work carried out and necessary certificate shall be furnished.
3. **SPECIFICATION, DRAWING, TECHNICAL MANUALS**
- 3.1 The SUPPLIERS shall furnish five copies and such additional no. of copies as required by this Organization of technical documents final drawing, preservation instructions, operation and maintenance manuals, test certificates, spare parts catalogue before despatch of the equipment as under:
- (i) Inspection Authority
 - (ii) Consignee (3 copies)
 - (iii) Purchaser
- 3.2 The supplier shall be responsible for any loss to this Organization consequent to the furnishing of the incorrect data/drawings.
- 3.3 The SUPPLIER shall provide cross sectional, drawing to identify the spare parts numbers and their location.
- 3.4 Specifications, design and drawings issued by this Organization to the supplier along with tender/quotation specification and ORDER are not to be sold or given on loan. These documents continue to remain property of this Organization. OR THEIR ASSIGNEE AND ARE SUBJECT TO RECALL BY this Organization. The SUPPLIER and its employees shall not make use of the drawings, specification and technical information for any purpose any time and shall not disclose the same to any person, firm or corporate authorities without written permission of the Organization. All such details shall be kept confidential.
- 3.5 In order to facilitate quick disposal, copies of the drawing for approval shall be sent directly and simultaneously to the authorities specified in the order in addition to the sets

submitted to authority issuing order.

4. ACCEPTANCE OR ORDER

- 4.1 Within fifteen (15) days from date of mailing of ORDER SUPPLIER shall confirm acceptance of the order in its entirety.
- 4.2 The ORDER is accepted unconditionally by SUPPLIER by returning to this Organization copy of the ORDER duly signed, without qualification.
- 4.3 When SUPPLIER has accepted the order with all its terms and conditions, tender/quotationer's bid with general sales conditions and all previous correspondence are considered superseded and void.
- 4.4 Should SUPPLIER not respect the time limit for the Confirmation of the order or in case SUPPLIER can not accept the ORDER without qualifications. This Organization reserves the right to cancel in writing without prejudice to other terms, the entire **ORDER or part of without notice. Under these circumstances the earnest money /bid** bonds given by the supplier will be forfeited in full.

5. MODIFICATION IN ORDER

- 5.1 All modifications leading to changes in the order with respect to technical and commercial aspects, including terms of delivery, shall be considered valid only when accepted in writing by this Organization by issuing amendment to the ORDER.
- 5.2 This Organization shall not be bound by any printed conditions, provision in the SUPPLIER BID, forms of acknowledge of ORDER, invoice, packing list and other document, which purport to impose any condition at variance with or supplement to ORDER.

6. JOINT AND SEVERAL RESPONSIBILITIES

- 6.1 Where Suppliers Equipment or any part thereof are to be used jointly with the equipment supplied by another manufacturer (the name of the manufacturer will be communicated separately by supplier) this Organization will hold supplier and the manufacturer jointly and severally responsible for the perfect operation of the entire group or section of equipment as regard the technical and mechanical characteristics stipulated in the specification. Such responsibility shall include the mechanical coupling as well as dynamic and starting moment.
- 6.2 Consequently, SUPPLIER shall establish and maintain all necessary contract with the manufacturer to be indicated by the Organization with a view to ensuring the exchange of all relevant data and information.

7. SECURITY DEPOSIT/PERFORMANCE BOND.

- 7.1 The successful bidder, within 30 (Thirty) days of the receipt of order/letter of intent will be required to send Security Deposit in the form of Bank Guarantee / FDR from a Scheduled Commercial Bank for an amount as indicated in the Purchase Order. The security Deposit / Performance Guarantee shall be 5% of cost of the order / contract value.
- 7.2 The security money may be deposited in the form of Bank Guarantee /FDR from a schedule commercial bank.
- 7.3 This Organization shall not be liable to pay any Bank Charges, Commissions or interest on the amount of security deposit/Performance Bond.
- 7.4 Security deposit, Performance Guarantee Bond shall be refunded to the supplier after completion of warranty period as stipulated in the order. If the materials are supplied in the extender delivery period, the supplier will extend the validity of FDR accordingly and the Security Deposit/Performance Guarantee will be released after extended validity expires.

8. WARRANTIES AND GUARANTEES.

8.1 MATERIALS AND WORKMANSHIP

8.2 Unless some special warranty/Guarantee clause has been stipulated elsewhere in the **invitation to the tender/quotation or any of its Annexure, the following warranty shall** form part of the contract placed on successful tender/quotation:-

8.2.1 SUPPLIER shall fully warrant that all the stores, Equipment and components supplied under the ORDER shall be new and of first quality according to the specifications and shall be free from defects (even concealed fault, deficiency in design, materials and workmanship).

8.2.2 Should any defects be noticed in design, material and/or workmanship within 15 months from the date of shipment/dispatch of last consignment or 12 months from the date of receipt/commissioning of the equipment, or the guarantee/warranty period as specified in specifications (Annexure IV) whichever is later, the Organization shall inform supplier and Supplier shall immediately on receipt of such intimation, depute their personnel within 14 days to investigate the causes of defects and arrange rectification/replacement/modification of the defective equipment at site without any cost to the Organization within a reasonable period. If the supplier fails to take proper corrective action to repair/replace the defects satisfactorily within the reasonable period, this Organization shall be free to take such corrective action as may be deemed necessary at contractor's risk and cost after giving notice to the SUPPLIER.

8.2.3 Damage to the machinery and/or equipment due to incomplete and erroneous instructions issued by supplier will be responsibility of the supplier and will be treated according to the provisions of warranty clause. Normal wear & tear shall not come under purview of this clause.

8.2.4 In case defects are of such nature that equipment shall have to be taken to suppliers works for rectification etc. Supplier shall take the equipment at his cost after giving necessary undertaking or security as may be required by the Organization. This Organization shall, if so required by the supplier, despatch the equipment by quickest mode on "Freight-to pay" basis to the supplier's works. After repairs suppliers shall deliver the equipment at site on freight pre-paid basis. All risks in transit to and fro shall be borne by the supplier.

8.2.5 Equipment or spare parts thereof replaced shall have further warranty for a period of 12 months from the date of acceptance.

8.2.6 The supplier shall guarantee that they will supply spare parts if and when required on agreed price. The agreed price should include but without any limitation to agreed discount on the published catalogue price or on agreed percentage of profit on the landed cost.

8.2.7 The supplier will warranty that before going out of production for any of spare parts, they will give adequate advance notice to the purchaser so that the latter may undertake to procure, if necessary, the balance of the life time requirements.

8.2.8 If the repairs, replacement or modification referred are of such nature as may affect the efficiency of the EQUIPMENT this Organization shall have the right to give to the SUPPLIER within one month of such replacement/renewal notice in writing to carry out test as may be required for acceptance of the equipment.

8.2.9 If the supplier fails to honour his obligation to repair or replace defective goods within a reasonable period of time, or if supplier refuses to carry out work under the guarantee clause and implied guarantee condition, if danger is anticipated or in case of severe urgency, the Organization shall be entitled to carry out, at Supplier's cost and risk, repair work or replacement deliveries or have it done by a third party. In case not all goods have been delivered by Supplier, this Organization is entitled to procure the remaining

goods at Supplier's cost and risk. This does not relieve Supplier's of any of his guarantee obligations. Taxes and duties of any kind whatever imposed by the authorities of the country of the supplier or his sub contractors until delivery shall be borne by supplier.

9. PERFORMANCE GUARANTEE

9.1 SUPPLIER shall guarantee that the performance of the EQUIPMENT/MATERIAL supplied under the order shall be strictly in conformity with specification and shall perform the duties specified under the ORDER.

9.2 The SUPPLIER shall guarantee that the materials/equipment that shall be purchased from the sub-contractor(s) shall be such as to fulfil the requirements laid down vide para 8.1 to 8.2.0 above and shall undertake to ensure fulfilment of these requirement.

10 REJECTION: If the ORGANIZATION finds that the goods supplied are not in accordance with the specification and other condition stated in the order or its sample (s) are received in damaged conditions (of which matters this Organization will be the sole judge), this Organization shall be entitled to reject the whole of the goods or the part, as the case may be and intimate to the supplier the rejection without prejudice to the Organization other rights and remedies to recover from the supplier any loss which the ORGANIZATION may be put to also reserving the right to forfeit the security deposit/performance bond if any made for the due fulfillment of the contract. The goods shall be removed by the supplier and if not removed within 14 days of the date of communication of the rejection the Organization will be entitled to dispose-off the same on account and at the risk of the supplier and after recovering the storage charges at the rate of 5% of the value of goods of each month or part of month and loss and expense if any caused to the Organization pay balance to the supplier.

11. FAILURE AND TERMINATION CLAUSE

Time and date of delivery shall be essence of the contract. If the contractor fails to deliver the stores / execute SITC / SETC, or any instalment thereof within the period fixed for such delivery in the schedule or at any time repudiates the contract before the expiry of such periods the purchase may without prejudice to any other right or remedy, available to him to recover demurrages for breach of the contract :-

(a) Recover from the Contractor as agreed liquidated demurrages and not by way of Penalty, a sum equivalent to 1/2% (half percent) of the contract price of the whole unit / SITC / SETC per week for such delay or part thereof (this is an agreed, genuine pre-estimate of demurrages duly agreed by the parties) which the contractor has failed to deliver thereof is accepted after expiry of the aforesaid period. It may be noted that such recovery of liquidated demurrages may be up to 5% of the contract price of whole unit of stores / SITC / SETC which the contractor may fail to deliver within the period fixed for delivery. After full period of extension, termination of the contract will be considered by the Organization.

(b) Purchase or authorize the purchase elsewhere on the account and at the risk of the contractor, of the stores not so delivered / SITC / SETC or other of a similar description (where stores exactly complying with the particulars are not in the opinion of the purchaser, which shall be final, readily procurable) by serving prior notice to the contractor without cancelling the contract in respect of the installment not yet due for delivery or,

(c) Cancel the contract or a portion thereof by serving prior notice to the contractor and if so desired purchase or authorize the purchase of the stores not so delivered / SITC / SETC or others of a similar description (where stores not delivered / SITC / SETC not carried out, exactly complying with particulars are not in the opinion of the purchaser, which

shall be final readily procurable) at the risk and cost of the contractor. If the contractor had defaulted in the performance of the original contract, the purchaser shall have the right to ignore his tender/quotation for risk purchase even though the lowest, where the contract is terminated at the risk and cost of the firm under the provisions of this clause, it shall be in the discretion of the purchaser to exercise his discretion to collect or not, the Security deposit from the firm on whom the contract is placed, at the risk and expense of the defaulted firm.

- (d) Where action is taken under sub-clause (b) or sub-clause (c) above the contractor shall be liable for any loss which the purchaser may sustain on that account, provided the purchase or if there is an agreement, to purchase, such agreement is made in case of failure to deliver the stores / services, within 6 months from the date of such failure and in case of repudiation of contract the contractor shall not be entitled to any gain on such the entire discretion of the purchaser to serve a notice of such purchase on the supplier.
 - (e) Notwithstanding anything stated above, equipment and materials will be deemed to have been delivered / SITC / SETC will be deemed to have been carried out only when all its components, parts are also delivered. If certain components are not delivered in time the stores / SITC / SETC will be considered as delayed until such time all the missing parts are also delivered.
- 12. INSPECTING/TESTING OF MATERIAL:** The inspection of stores / services / works will be carried out by the authority specified in the purchase order. The stores / works will be accepted only after the same has been found satisfactory after inspection and duly marked and sealed by the inspection authority.
- 12.1** The supplier shall ensure that the stores / services / works to be supplied / executed against this order shall be individually inspected, tested and analyzed in terms of the specifications attached to the tender/quotation and the relevant codes and practices specified therein by expression or implication. Necessary test reports shall be provided as required.
 - 12.2** The supplier should make available to the Organization and any other individual/agency Authorized by the Organization for the purpose of inspection all its records and results in respect of inspection, test and analysis conducted by it as part of their manufacturing and testing operation under the applicable codes and practices specified by expression or implication in the tender/quotation.
 - 12.3** Inspection tests and analysis shall be carried out/conducted at the supplier's works by the Authorized representative of the Organization and the cost of to and fro air fare and accommodation and cash allowances payable to the Authorized representative of the organization shall be borne by the Organization.
 - 12.4** The supplier shall provide and deliver free of charge for tests/analysis by an independent authority at any such place or places as the Organization or its Authorized inspector may reasonably require such raw material(s) used or intended to be used for the contracted work by the supplier as the Organization/Inspector shall consider necessary. The cost of such tests/analysis shall be borne by the Contractor.
 - 12.5** This Organization shall be entitled at all times, whether prior to, during or after the completion of inspection by itself and/or through inspectors appointed by the Organization at the Organization's cost, to inspect, test and/or analyses and/or to direct the Contractor in all respect of any store(s) or materials processes used or proposed to be used in the fabrication of the product of any of them. The said inspection, tests and analysis as far as required, is to be conducted in the presence of the inspectors. The contractor shall ensure that the inspecting personnel referred to above are given free access to all the required places and information connected with their work, besides working facilities to carry out their function.
 - 12.6** Should the supplier fail to comply with any of the provisions aforesaid relating to

- inspection, testing and /analysis the Organization shall be entitled by itself and/or through inspectors to conduct or have conducted the inspection, test and/or analysis at the risk and expense of the contractor in all respects.
- 12.7** No rejected raw materials shall be used for the contracted work or re-rendered/quotationed for inspection and/or test except with the prior permission of concerned Inspectors.
- 12.8** Unless otherwise specifically authorized by the Organization in writing, the contractor shall not ship or despatch the stores under the contract entered into, any material which has not been properly inspected/tested marked and in respect of which a certificate of quality has not been issued or signed by the inspectors.
- 12.9** In addition to the general conditions of the inspection stated above, the contractor shall also satisfy all the specific conditions of inspection as enumerated in the specification attached.
- 12.10** In addition to inspector(s) the Organization shall be entitled to nominate depute or designate a representative to be stationed at the supplier's/contractor's factory in order to supervise and/or coordinate operations related to the contract. In the event of there being more than one factory involved in the work entrusted to the contractor, the Organization shall be entitled to nominate/depute or appoint such representative(s) as necessary in respect of each such factory.
- 12.11** The Contractor shall at his cost afford and ensure proper working facilities to the said representative(s) at the factory (ies) to enable him to perform his functions, and shall furnish him with all such information, data and assistance as he may require for the proper performance of his functions, and shall furnish him with all such information, data and assistance as may be required for the proper performance of his functions.
- 12.12** The posting of such a representative by the Organization or his actions in any manner does not absolve the contractor of any liability, and/or responsibility under this contract. The representative's posting shall be treated as advisory to the Organization.
- 12.13** For false calls for the cases where material is rejected on inspection the supplier will bear the actual cost of inspection incurred/suffered by the Organization.
- 12.14** Place of inspections specified in supply order will not be changed without written confirmation from Purchase Authority.
- 13. SUB-STANDARD MATERIAL/REPLACEMENT OF REJECTED GOODS**
- 13.1** If the Organization finds that MATERIAL supplied / SITC / SETC executed are not of the correct quality or not according to specification required or otherwise not satisfactory owing to any reason of which the Organization will be the sole judge, the Organization will be entitled to reject materials, cancel the contract and buy its requirement in the open market at the risk and cost of supplier, reserving always to itself the right to forfeit the security deposit/performance guarantee placed by the supplier for the due fulfilment of the contract.
- 13.2** Rejected goods should be removed and replaced within 14 days of the date of communication of rejection.
- 14. SUBLETTING AND ASSIGNMENT:** The supplier/contractor shall not save with the previous consent in writing of the purchase Authority, sublet, transfer or assign the contract or any part thereof or interest therein or benefit or advantage thereof in any manner whatsoever, provided nevertheless that any such consent shall not relieve the contractor from any obligation, duty or responsibility under the contract.
- 15. BREAKAGE/SHORATGE:** Claim in respect of breakages/shortages, if any, shall be preferred on the supplier within thirty days from the date of receipt of stores at destination by the consignee which shall be replaced/made good by the supplier at his own cost. All risk or loss or damage to the material shall be upon the supplier/contractor till it is delivered in accordance with the terms and conditions of the supply order.

16. **DESIGNS, PATENTS AND ROYALTIES:** If any material used or methods or processes practiced or employed in the manufacture of items to conform with the requirement of the contract is/are covered by a patent(s) in respect of which contractor is not licensed, the contractor shall before using the material, method or process, as the case may be, obtain such license(s) and pay such royalty (ies) and license fee(s) as may be necessary. The supplier/contractor shall keep the Organization indemnified from and against any and all claims, actions demand and proceedings whatsoever brought or made against the Organization on the basis of any patent or infringement thereof claimed or otherwise relating to and arising from any method or process employed or matter or thing done to or in connection with any work executed by the supplier/contractor shall at their own risk and defend any suit for infringement or patent or like suit brought against the Organization (whether with or without the contractor being a party thereto and shall pay demurrages and costs awarded in such suit and keep the Organization indemnified from and against all consequence thereof.
17. **FORCE MAJEURE:** In the event of either party being rendered unable by force majeure to perform any obligation required to be performed by them under the contract, if any concluded the relative obligation of the party affected by such force majeure lasts. The terms "Force Majeure" as implied here in shall mean acts of God, War, Civil riots, fire directly affecting the performance of the contract, floods and Acts and Regulations of respective Government of the two parties, namely the Organization and the contractor. Both upon the occurrence of such cause and upon its termination, the party alleging that it has been rendered unable as aforesaid shall within seventy two hours of the alleged beginning and ending thereof giving full particulars and satisfactory evidence in support of its claim. If deliveries are suspended by force majeure conditions lasting for more than 2(two) months, the Organization shall have the option of cancelling this contract in whole or part at its discretion without any liability on its part.
18. **LANGUAGE/TERMINOLOGY:**The supplier/contractor shall ensure the language/terminology/description of goods/services/works used in supply order/bill/Invoice/any other documents dispatched by the supplier/contractor is **verbatim in English.**
19. **REPEAT ORDER:** Repeat order can also be placed with the supplier up to 50% of the qty. of this order on the same terms and conditions as stipulated in the original supply order, during the validity of the supply order or within six months from the date of this supply order, whichever is later. It is a condition of this order and it will be obligatory on the part of supplier/contractor to execute such repeat order(s) also as the consideration for this option on favour of the purchase forms part of the main consideration under this order.
20. **PACKING & MARKING**
- 20.1 The supplier shall consign/ship the stores in sea worthy/Airworthy/Roadworthy packing confirming to the prescribed standards in force to withstand air/ocean/land journey and ensuring the safety of cargo en-route and also arrival of material at ultimate destination in good condition. The consignment shall be comprehensively insured against all risks by the supplier/contractor from supplier's/contractor's warehouse basis. Each packing case said have proper identification like name of suppliers, name of consignee, gross weight, TOP / Don't turn over / Handle with care.
- 20.2 Each package shall have a detailed packing list.
21. **INSURANCE:** The contractor shall insure entire equipment during transit, storage, installation, testing, commissioning and till handling over to the consignee against

losses, damages due to fire, earthquake, war, flood/thefts etc. No claim will be admissible on this account.

22. **SHORT/DAMAGE/DEFECTIVE/NON RECEIPT OF MATERIAL:** The Supplier/Contractor is responsible for safe arrival of the material up to destination. Should there be any shortage/breakage of material found, the consignee within a period of 30 days of receipt of material at destination, will lodge claim with the supplier/contractor and carries under intimation to the purchaser. The purchaser in question will also take up the matter with the supplier to make good the deficiency.
23. **Extension of Delivery Period:** In case where only portion of the stores ordered is tendered/quotationed for inspection at the end of the delivery period and also in case where inspection is not completed in respect of the portion of the stores tendered/quotationed for inspection during the delivery period the purchaser reserves the right to cancel the balance quality not tendered/quotationed for inspection within the delivery fixed in the A/T at the risk and expenses of the contractor without further reference to him. If these tendered/quotationed for inspection during the fag end of the delivery period are not found acceptable after carrying out the inspection the purchaser is entitled to cancel the contract in respect of the same at the risk and expenses of the contractor. If however the stores tendered/quotationed for inspection and found acceptable, the purchaser may grant an extension of the delivery period subject to the following conditions.
- i. The purchaser has the right to recover from the contractor under the provision of clause 11 Annexure – II of the general condition of the contract liquidated. Demurrages on the stores which the contractor has failed to deliver within the DP / refixed delivery period.
 - ii. That no increase in price on account of any statutory increase in or fresh imposition of customs duty, excise duty sales tax or on account of any other tax or duty liveable in respect of the stores specified in the A/T which takes place after the date of the delivery period stipulated in the A/T shall be admissible on such of the said stores as and delivered after the date of the delivery stipulated in A/T.
 - iii. That notwithstanding any stipulation in the contract for increase in price on any other ground, no such increase which take place after the date of the delivery stipulated in the A/T shall be admissible on such of the said stores as are delivered stipulated in the A/T shall be admissible on such of the said stores as are delivered after the expiry of the D/P stipulated in A/T.
 - iv. But nevertheless, the purchases shall be entitled to the benefit of any decrease in price on account of reduction in of remission of custom duty, excise duty, sales tax or on account of any other tax or duty or on any other grounds as stipulated in the price variation clause which takes place after the expiry of the date of delivery stipulated in the acceptance of tender/quotation.
 - v. The contractor shall not dispatch the stores, till such time an extension in terms of para (i) to (ii) above is granted by the purchaser and accepted by the supplier. If the stores are dispatched by the supplier before obtaining an extension letter from the purchaser either in respect of the cost of the stores dispatches or any other expenses which the supplier may have incurred. The purchaser shall however have a right to cancel the contract in terms of clause 11 Annexure II General terms and conditions. It shall be no defence that the consignee has taken delivery of the stores dispatched by the supplier without getting an extension letter and therefore the contract has been kept alive.
 - vi. In case where the entire quantity has not been tendered/quotationed for inspection within the delivery period stipulated in the A/T and the purchaser

agrees to grant extension in the period the same would be subject to the conditions (i) to (iv) as mentioned paragraph above.

Annexure – III

BID EVALUATION CRITERIA

1. SALIENT FEATURES : BIDDERS CONFIRMATION
- 1.1. Open Tender/quotation No. : **DDK/JAI/1(39)/2013-14 E**
- 1.2. Two Bid System : Technical and commercial Bid
- 1.3. Validity period of BID : 120 days from the date of opening i.e., up to and inclusive of date of opening
- 1.4. Earnest Money : As per clause 4 of invitation to bid
- 1.5. Security Deposit : Would be required on placement of purchase order i.e., 5% of the ordered value and shall be valid for 60 days from the date of expiry of guarantee /warranty.
- 1.6. Delivery Period : As specified in the 'Invitation to Bid'
- 1.7. Closing date of tender/quotation : **15:00 hrs on 12-11-2013**
- 1.8. Opening date of technical bid : **15:00 hrs on 13-11-2013**
- 1.9. Opening date of price bid : **Date as may be separately notified later**
2. **VITAL COMMERCIAL CRITERIA FOR ACCEPTANCE** : The following vital commercial conditions should be strictly complied with failing which the bid will not be considered.
- 2.1. Bids should be from actual manufacturers, public sector undertakings, supply houses / representatives / distributors / dealers / authorized agents / contractors with required experience in the field.
- 2.2. **Submission of Earnest Money along with Bid**
Tender/quotation must be accompanied with Earnest Money deposit in the form of either a FDR / Bank Draft Payable to the Drawing & dispersing Doordarshan Kendra, Jhalana Doongri, Jaipur from an Indian scheduled commercial bank with the tender/quotation document.
The amount of Earnest Money Deposit should be as per clause 4 of 'Invitation to Bid'.
The offers without earnest money will not be considered and summarily rejected.
- 2.3. Submission of security deposit cum performance guarantee for execution of contract as well as for execution of contract as well as for satisfactory performance of equipment during warranty period by the successful bidders.
- 2.4. Acceptance of 'Failure and Termination Clause', No. 11 of (GTC) of Tender/quotation documents.
- 2.5. Acceptance of 'Arbitration Clause', No. 28 (Annexure – I) of tender/quotation document.
- 2.6. Acceptance of 'Warranty and Guarantee Clause', No. 8 (GTC) of tender/quotation document.

3. Criteria for Loading of Bids:

The following criteria will be adopted for evaluation of bid:

1. For delivery / completion periods quoted longer than that specified in the bid document, the quoted price shall be loaded half percent per extra week or part thereof. Offers with delivery / completion period longer than 2 months beyond the stipulated delivery completion period will be rejected.
2. Bidders will not indicate separate discount. Discount, if any should be merged in the rates against the quoted items. Discount, if any, indicated separately will not be taken into account for evaluation purposes.

4. Vital Technical Criteria for acceptance of Bids:

- 4.1. Quotation in original must be from the manufacturers / authorized supply house.
- 4.2. In case, the bidder is an authorized dealer / supply house / contractor with requisite work experience, he should name the original manufacturer. Bidder should furnish Authorization certificate issued by OEM.

Annexure –IV

DESCRIPTION OF STORES

1.0 General requirements for tenderer also to be complied with the offer of SUPPLY OF 32X32 HD/SD-SDI Audio/Video Router

1.1 Technical Literature and Manuals: The detailed description regarding the installation manual and operation & maintenance manual, which must be supplied with each system, is given below:

1.1.1 Installation Manual: A detailed installation manual for the installation of SUPPLY OF 32X32 HD/SD-SDI Audio/Video Router, must be supplied.

1.1.2. Operation and Maintenance Manual: A detailed operation and maintenance manual with all drawings, circuit diagrams, of all PCB's assemblies, subassemblies are to be provided.

a) All details regarding put "ON" with the sequence of operation of the SUPPLY OF 32X32 HD/SD-SDI Audio/Video Router is to be provided in the manual.

b) The details of all electrical/electronic circuits in various stages of the SUPPLY OF 32X32 HD/SD-SDI Audio/Video Router used along with their write-ups are to be provided in this manual.

c) All precautions and detailed instructions regarding operation of the SUPPLY OF 32X32 HD/SD-SDI Audio/Video Router should be provided in this manual.

d) The details of ordering specifications for all parts / components / subassemblies / PCB / units should be listed in this manual to facilitate reordering of spares as and when required during the life time of this SUPPLY OF 32X32 HD/SD-SDI Audio/Video Router.

e) The details of self-check for the SUPPLY OF 32X32 HD/SD-SDI Audio/Video Router and internal calibration are to be described in the manual.

f) The detailed procedure for trouble shooting of the SUPPLY OF 32X32 HD/SD-SDI Audio/Video Router preferably up to component level should be available in the manual. Various test fixtures and accessories required for the maintenance/ repair of the SUPPLY OF 32X32 HD/SD-SDI Audio/Video Router should be clearly described and detailed out in this manual. The systematic trouble shooting/ fault tree and flow diagram should be provided for diagnosis of the fault with its remedial measures in this manual.

g) The various assemblies/sub assemblies PCB's, Parts and Components should be clearly marked to define its functions. The schematic diagrams and references should be described in such a way so that the parts/assemblies/PCB's etc. can easily be identified from the components layout diagram provided in the manual.

h) All the controls, switches, knobs, interfaces and indications should be clearly marked to show their circuit designation and functions.

i) Accessibility for testing, replacing of components, ease of maintenance calibration and adjustment should be the main design features of the SUPPLY OF 32X32 HD/SD-SDI Audio/Video Router.

j)The manual should have description regarding various interfaces, connectors, connecting cables and accessories required for the satisfactory function of the SUPPLY OF 32X32 HD/SD-SDI Audio/Video Router. All such items required should be provided by the manufacturer along with the Studio Communication system.

1.2 The detailed “acceptance Test Procedure” (ATP) for testing the SUPPLY OF 32X32 HD/SD-SDI Audio/Video Router for its performance as per the specifications should also be attached with the offer which is to be used at the time of inspection at the factory.

1.3 Copies of all softwares used in the SUPPLY OF 32X32 HD/SD-SDI Audio/Video Router should be provided in the form of CD with license besides being loaded in to the system. Any Future upgrade of software with in five years of supply of equipment shall be made available free of cost.

1.4 Guarantee:

1.4.1. The guarantee of SUPPLY OF 32X32 HD/SD-SDI Audio/Video Router shall be as follows:

a. **Studio Communication:** The manufacturer shall guarantee for at least 26 months from the date of supply or 24 months from the date of installation, whichever is later.

Any defect/ failure of equipment/component or assembly and non-performance in this period are to be set right by the manufacturer free of costs at the **premises of the consignee. A certificate from all OEMs may be attached with the offer that they will adhere to guarantee clause as above.**

1.4.2. Maintenance Contracts: A complete offering of preventative and full annual service maintenance contract for the SUPPLY OF 32X32 HD/SD-SDI Audio/Video Router after the guarantee period must be quoted as optional item. Contract work is to be performed by factory trained service personnel. The AMC costs shall not be included to decide lowest offer for the SUPPLY OF 32X32 HD/SD-SDI Audio/Video Router.

1.4.3. The manufacturer must have experience for manufacture and supply of similar type of equipment. The manufacturer has to attach with the offer the details of its past supply record and level of satisfaction of the user, of similar type & power SUPPLY OF 32X32 HD/SD-SDI Audio/Video Router to the various broadcasting/telecom organizations and critical applications. The address & telephone no. of organization to whom the same type of Studio Communication has been supplied, should also be provided with its past supply record. Past performance of supplied Studio Communication shall form a critical criterion for accepting or rejecting the offer.

1.5 Spares: -

1.5.1 The minimum recommended essential spares (modules, PCBs, Components etc) required for maintaining the continued service of SUPPLY OF 32X32 HD/SD-SDI Audio/Video Router in a reliable manner shall be quoted separately by the supplier positively failing which offer is liable to be ignored. The spares shall not become part of bill of material of main SUPPLY OF 32X32 HD/SD-SDI Audio/Video Router. The minimum, recommended essential spares may be based on predicted rate of failure and requirement for three years. The spares’ cost shall not be included to decide lowest offer for SUPPLY OF 32X32 HD/SD-SDI Audio/Video Router.

1.5.2. The manufacturer shall also give a certificate attached with the offer to supply maintenance support and all spares during the lifetime of the SUPPLY OF 32X32 HD/SD-SDI Audio/Video Router. The life of the SUPPLY OF 32X32 HD/SD-SDI Audio/Video Router should be certified by the manufacturer. This is an essential requirement. The life of 32X32 HD/SD-SDI Audio/Video Router should be more than Ten years.

1.5.3. The SUPPLY OF 32X32 HD/SD-SDI Audio/Video Router manufacturer shall directly employ a national field service network staffed by factory trained field service engineers to provide start up, maintenance and repair of the SUPPLY OF 32X32 HD/SD-SDI Audio/Video Router equipment. This is an essential requirement and the service center's list must be provided along with the technical offer. Parts must be available through the service organization 24 hours a day, 7 days a week, 365 days a year.

1.5.4 The SUPPLY OF 32X32 HD/SD-SDI Audio/Video Router manufacturer shall give the address of his local office/representative in India to facilitate interaction. In case any module of SUPPLY OF 32X32 HD/SD-SDI Audio/Video Router requires repairs at factory, the same would be handed over to his Indian representative in India, who would arrange export of module to factory and re import in India after repairs/replacement. After sales service for maintenance and repairs in India is an **essential requirement** of this tender without which the offer may be rejected.

1.6 Inspection: The inspection of the SUPPLY OF 32X32 HD/SD-SDI Audio/Video Router at the firm's premises before the dispatch of the SUPPLY OF 32X32 HD/SD-SDI Audio/Video Router, in integrated form, shall be performed by an Engineer, authorized by O/O DDG-E,DDK Jaipur. The firm has to intimate Doordarshan in advance when the SUPPLY OF 32X32 HD/SD-SDI Audio/Video Router is ready for inspection. An acceptance procedure for testing of SUPPLY OF 32X32 HD/SD-SDI Audio/Video Router is also to be supplied in advance for carrying out the inspection at the premises of the firm. All the test and measuring equipment required for the acceptance test procedure has to be arranged by the supplier/manufacturer at his premises. All expenses towards traveling, boarding & lodging of Doordarshan inspection Engineer shall be borne by Doordarshan. Manufacturer's test report for SUPPLY OF 32X32 HD/SD-SDI Audio/Video Router indicating its serial No. etc are to be provided at the time of inspection by the firm for verification of the parameters as per the specifications.

1.7. All relevant technical pamphlets, data sheets, drawings, block diagram, along with the operation & Maintenance manual of the SUPPLY OF 32X32 HD/SD-SDI Audio/Video Router should be attached with the technical offer. Operation & Maintenance manual of the 32X32 HD/SD-SDI Audio/Video Router are to be supplied as detailed below:

- 5.7.1. 2 Nos. with each 32X32 HD/SD-SDI Audio/Video Router for ultimate consignee.
- 5.7.2. 2 Nos. for each zonal office per supply order.
- 5.7.3. 1 No. with technical bid for evaluation.

1.8 Breakup prices for all items/equipment should be provided in the bid.

1.9 A Para by Para compliance statement in the form of a table given below describing DD specifications for the manufacturers quoted items should be attached with the offer by the manufacturer(OEM) on the letter head **duly signed by OEM** and countersigned by the agent or representative of the manufacturer with the relevant supporting literature, manuals etc. The compliance statement is to be submitted with the technical bid for all technical as well as general specifications for all the para 1-6 enumerated above. This is a mandatory and essential requirement. ***Any offer without the compliance statement as detailed above shall be rejected in the first instance without making any reference to the firm or the representative or the manufacturer.***

The compliance statement from the manufacturer should be in the following format:-

Para No & D.D. specification	D.D. specs value and detail.	Parametric value of quoted system	Compliance or deviation	Page No. of the bid	Remarks
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Mere writing on compliance statement that system complies with the required parameter will not be accepted as compliance. The manufacturer (OEM) has to substantiate the same with either technical manual or pamphlets of the equipments. The compliance is to be submitted for complete bill of material (Annexure-I) including optional items.

PRASAR BHARATI
(India's Public Service Broadcaster)
DOORDARSHAN KENDRA-JAIPUR

TECHNICAL SPECIFICATIONS FOR SUPPLY OF 32X32 HD/SD-SDI Audio/Video Router

1. SCOPE

The specifications lay down the required performance characteristics of SUPPLY OF 32X32 HD/SD-SDI Audio/Video Router .

General

The offered equipment should be LATEST from an internationally reputed manufacturer and the quoted model should be field proven and in use by leading broadcasters. The bidder should essentially submit the list of the broadcasters to whom the quoted model has been supplied. The tenders without the proper user list shall liable to be rejected out rightly.

2 TECHNICAL SPECIFICATIONS OF 32x32 HD/SD SDI ROUTER_

Sr.No.	Description of features	Remarks
1	Preferable make-Sierra/Network/Sigma/Nevion/Ross/Kramer	
2	No. of Input and Output	32X32 (Married Audio/Video)
	Video Data	
3	Sensing of Input Video Signal	Auto Sensing for HD/SD SDI
4	Automatic input equalization and re-clocking of all Video outputs	Required
5	Data Rates for Video	19Mbps to 1.485Gbps
6	Data Types for Video	SMPTE 372,SMPTE 310E,SMPTE259M, SMPTE344M,SMPTE292M,DVB-ASI
7	Video Jitter	<0.2 UI
8	Input & Output Video Level	800mV pp ±10%
9	Input & Output Impedance	75 Ohm
10	Return Loss for both Input & Output	<-15dB up to 1.5 GHz
11	Cable equalization range	0-300m for SD/SDI,0-100m for HD Signals
12	Connector type for I/P & O/P	BNC
13	Output Rise/Fall Time	<270psec
	Audio Data	
14	AES/EBU Audio data rates	32KHz-96KHz
15	Audio Jitter	<0.025UI
16	Audio Input Type	5 Pin Terminal Block for Balanced analog audio
17	Audio return loss	>-30dB @6MHz
18	Audio Connector Type	BNC for AES Audio
19	Audio I/P & O/P	Must be Capable both Analog & AES (Digital) signals
20	Max analog audio I/P	+24dBu Balanced
21	Audio Input Impedance	>20KOhm
22	Analog audio I/P connector	5 Pin Terminal Block for Balanced analog audio

23	Max analog audio O/P	+24dBu Balanced
24	Audio Output Impedance	<50Ohm
25	Frequency response 20Hz-20KHz	Better than ±0.5dB
26	S/N 20Hz-20KHz	Better than -90dB
27	Cross Talk @1KHz ,Unity Gain @10KHz ,Unity Gain	<-80dB <-60dB
	General Data	
28	Ethernet	10/100 Base-T, Full Duplex, RJ-45 Connector.
29	Protocol	ARP,TCP/IP, Telnet, HTP etc.
30	Rack Unit Size of Main Frame with redundant power supply	4RU
31	Mounting of Main Frame	19" rack mounting
32	Mounting of remote control panels	19" rack mounting
33	In Put Power	90V AC – 240VAC,50Hz
34	Operating Temperature	20 to 100°F
35	Humidity	10-90% non condensing
36	Warranty	Minimum 7 Years
37	Locking/unlocking of Main Panel and Remote Panels	Needed
38	Reference Input	Analog/Tri Level Sync

Offer in the format given below. Mere signature on the copy of the specifications shall not be accepted as a compliance statement. The figures so mentioned should be supported by record of these in the technical literature enclosed with the tender and reference to the page number of enclosed literature for all features and technical specifications should be mentioned in the relevant column. Offers without the compliance statement or with incomplete compliance statement will liable to be rejected with the sole responsibility of the bidder. Any deviation from the specification detailed in compliance statement is to be highlighted separately.

Sr. No. of DD specs	DD specs	Compliance (Yes/No)	Performance Fig. of equipment Offered.	Reference to the Page Number of enclosed literature.	Deviations, in case of non-compliance.	Optional items if any reqd. to make the sys. Complaint to DD specs.	DD specs which exceed offered Product Features in the

2. ACCESSORIES:

All the essential accessories such as various typed of connectors, power cord etc. are required to be quoted essentially. Various types of interconnecting cables along with matching connectors at both ends, breakout box if any, required with the system for its completeness, should also be included in the offer. All the **Optional items** may be quoted separately. The firm must provide enough details about optional items to decide its utility.

(A K Tambi)
Assistant Engineer
For Deputy Director General

8. **DOCUMENTATION**

One set of printed technical and operation & maintenance manuals for all the equipments are to be provided on non-returnable basis along with the tender to facilitate the technical evaluation, otherwise the tender is liable to be ignored. The successful bidder will have to supply one set of printed operation, service and maintenance manuals with respect to each equipment.

9. **GUARANTEE AND SERVICE SUPPORT**

- (a) The system should be guaranteed for two years of trouble free operation from the date of supply. In case of any equipment failure including software and hardware within this period, the same shall be rectified or replaced free of cost to Doordarshan.
- (b) The guarantee should cover all hardware, software and modules of the complete system.
- (c) The maximum period of service support (8 years or more) after expiry of guarantee period must be clearly mentioned.

10. **DEMONSTRATION**

If necessary, the firm may be asked for demonstration of the offered system as part of the technical evaluation. In such case the firm will have to make suitable arrangement for the demonstration of the offered system at Doordarshan Kendra Jaipur on notice of 7 days. Accordingly the firm should be in readiness for demonstration on a notice of 7 days.

11. **INSPECTION**

The equipment shall be subjected to inspection by Doordarshan officials at tenderer's work shop.

12. **ENCLOSURES**

The bidder must necessarily submit the following enclosures along with the technical bid:

- (a) Compliance statement with respect to all the points of the specifications duly signed by the OEM.

(A K Tambi)
Assistant Engineer
For Deputy Director General

- (b) The reference to the page number of enclosed literature for all features and technical specifications should be essentially mentioned in the relevant column of the compliance statement.
- (c) Technical manuals/Detailed technical literature/catalogues for all the offered products for substantiating the model no. and technical specifications.
- (d) The schematic depicting all the wiring diagram of the offered system to help understand the completeness of the system.
- (e) **Model specific broadcast user list of the offered product.**
- (f) Any other document mentioned elsewhere in the tender document.

The tender is liable to be rejected in the absence of the above enclosures with the sole responsibility of the bidder.

Appendix-VIII

**Total Quantity: 01 Set
Bill of Material per Set**

Sl.No	Items	Qty.	Rate	Taxes	Total amount
1.	32X32 HD/SD-SDI Audio/Video Router as per technical specifications in annexure -V	01			

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Assistant Engineer
For Deputy Director General