

**E-Tender
for
Supply, Installation, Configuration, Testing &
Commissioning of RF Connectivity
for
Linking of 6 nos. Haryana Police Sites/Station
on
Haryana SWAN**



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A. INTRODUCTION

Haryana State Electronics Development Corporation Ltd. (Hartron) is a Haryana State Govt. undertaking and is a Nodal Agency of Govt. of Haryana for the promotion of Electronics & Information Technology in the State. It is a total solution provider to meet the specific IT related requirement of the various State Govt. Departments/Corporations/Boards and Agencies including U.T. Chandigarh and Punjab & Haryana High Court. The Corporation expertise includes preparation of DC, DR, Providing Network Solutions (Structured LAN, Wi-Fi Zone, Wi-Fi Hotspot etc.), Security, Development of application software, supply & installation of computer system & related peripherals and allied items etc. as per customer requirement. As a part of the routine procurement process, Hartron invites bids through E-tender mode for supply, installation; configuration, testing & commissioning of RF Connectivity for linking of 6 nos. Haryana Police Sites on Haryana SWAN.

B. IMPORTANT INFORMATION

1.	Tender Inviting Authority Designation and Address	Haryana State Electronics Development Corporation Limited (HARTRON), SCO – 111-113, Sector – 17 B, Chandigarh.
2.	a) Name of the Work	E-tender for supply, installation; configuration, testing & commissioning of RF Connectivity for linking of 6 nos. Haryana Police Sites on Haryana SWAN on turnkey basis.
	b) Tender reference	e-Tender/Hartron/Infra /2016-17/01
	c) Place of Execution	Various locations in the State of Haryana as per the detail given at page no.
	d) Publication of Tender Notice on Newspaper	06.11.2016
	e) Publication of Tender Notice on Website and e-procurement portal	07.11.2016
	f) Tender document availability	Tender Notice & Document is available at http://haryanaeprocurement.gov.in from 2.00 PM onwards 07.11.2016
3.	a) Processing Fee for Tender	The Payment for Tender Document Fee Rs. 5,000/- (Rupees Ten Thousand Only) and eService Fee Rs.1,000/- (Rupees one thousand only) (Non refundable) can be made by eligible bidders / contractors online directly through Debit Cards & Internet Banking Accounts.
	b) Earnest Money Deposit (EMD)	The Payment for EMD of Rs. 25,000/- (Rupees Twenty Five Thousand only) can be made online directly through RTGS / NEFT and the bidder would remit the funds at least T + 1 working day (Transaction + One working day) in advance to the last day and make the payment via RTGS / NEFT to the beneficiary account number as mentioned in the challan.
4.	Pre-bid conference	11.11.2016 at 03.00 PM in O/o GM Services 4 th Floor SCO 109-110 sector 17 B chandigarh
5.	Last date for receiving pre-bid queries / clarifications / suggestions through emails	10.11.2016 by 03.00 PM (via mail in excel sheet as per provided format)

7.	Email address for communication for any queries/clarifications	hartroninfra2@gmail.com with a copy to gmhartronhry@gmail.com
6.	Response to vendor queries/Release of corrigendum (if required by Committee)	Upto 16.11.2016 by 4.30 (16:30) PM
9.	Last date and time for submission of e-Tender	28.11.2016 by 2:30 (14:30) PM
10.	Date and Time of Opening of Technical Bids	28.11.2016 at 3:00 (15:00) PM
11.	Date and Time of Opening of Commercial Bids	To be intimated later on

C. MAIN PARTICULARS OF TENDER

- i. The tender procedure and contract terms are prescribed in the tender document. In addition to the invitation of tender, the tender document includes the various other documents as given in the annexures.
- ii. The tenderer are expected to examine all instructions, terms & conditions, specifications, forms and formats etc as mentioned / enclosed in the tender document. Failure to furnish all information required in the tender document or submission of a tender not substantially responsive to the tender document in every respect will be at the tenderers risk and is likely to result in out-right rejection of the tender.
- iii. The Tendering Authority may ask the TENDERERS for additional information, visit to vendors site ask for technical presentation and/or arrange discussions with their professional, technical faculties to verify claims made in technical offer documentation. The request for a clarification and the response shall be in writing and no change in prices or substance of the bid shall be sought, offered or permitted. No relative positions will be given and the committee will decide only according to requirement and its fulfilment. If it is found that the documents submitted by the bidder are not compatible with the actual situation at site, or if the document supplied by the bidder are found to be fraudulent or misrepresenting the facts, it will render the bidder ineligible for further participation in the tender process. The decision of the Tender Committee in this regard is final and binding on the bidder and cannot be challenged.
- iv. The tenderer should not have been blacklisted or debarred by any Central/ State/ Public Agency from carrying out similar business during last three financial years.
- v. Eligibility Criteria: As per Tender Document.
- vi. Two Bid System i.e. Stage-1 Prequalification cum Technical Bid; Stage-2 Commercial Bid.
- vii. Any Bid not conforming to the format, MAF, Annexure will be summarily rejected.
- viii. The nomenclature of the language of the MAF & others Annexure should not be changed.
- ix. **Bidder(s) will submit the hard copy of pre-qualification cum technical bid within one working day after opening of pre-qualification cum technical bids with all the required documents, Annexure, Offered Solution Details etc to the O/o GM (Services) 4th Floor SCO 109-110, Sector 17B, Chandigarh.**
- x. Final decision will be as per the description of Technical & Purchase Committee
- xi. The Lowest bidder will be called by the Hon'ble HPPC for finalization of purchase.
- xii. HARTRON reserves right to visit (or conduct telephonic verification) bidder's customers where such a similar project execution has taken place.
- xiii. The technical specifications mentioned in the tender document are the minimum required configuration. Higher specifications may be considered but no price weightage for higher specifications shall be considered.

D. PAYMENT OF TENDER DOCUMENT FEE AND EMD

- I. The Bidders shall have to pay for the Tender documents, EMD Fees & eService Fee as mentioned above online by using the service of secure electronic payment gateway. The secure electronic payments gateway is an online interface between contractors and online payment authorization networks.
- II. The Payment for Tender Document Fee and eService Fee can be made by eligible bidders/ contractors online directly through Debit Cards & Internet Banking Accounts. The Payment for EMD can be made online directly through RTGS / NEFT and the bidder would remit the funds at

- least T + 1 working day (Transaction + One working day) in advance to the last day and make the payment via RTGS / NEFT to the beneficiary account number as mentioned in the challan.
- III. The Bidders can submit their tender documents (Online) as per the dates mentioned in the key dates.
 - IV. The bidders have to complete 'Bid Preparation & Submission' stage on scheduled time as mentioned above. If any bidder failed to complete his/her aforesaid stage in the stipulated online time schedule for this stage, his/her bid status will be considered as 'bids not submitted'.
 - V. Bidder must confirm & check his/her bid status after completion of his/her all activities for e-bidding.
 - VI. Bidder can rework on his/her bids even after completion of 'Bid Preparation & submission stage' (Bidder Stage), subject to the condition that the rework must take place during the stipulated time frame of the Bidder Stage.

1. INSTRUCTIONS TO BIDDER ON ELECTRONIC TENDERING SYSTEM

These conditions will over-rule the conditions stated in the tender documents, wherever relevant and applicable.

1.1 Registration of bidders on e-Procurement Portal:-

All the bidders intending to participate in the tenders processed online are required to get registered on the centralized e - Procurement Portal i.e. <https://haryanaeprocurement.gov.in>. Please visit the website for more details.

1.2 Obtaining a Digital Certificate:

- 1.2.1 The Bids submitted online should be encrypted and signed electronically with a Digital Certificate to establish the identity of the bidder bidding online. These Digital Certificates are issued by an Approved Certifying Authority, by the Controller of Certifying Authorities, Government of India.
- 1.2.2 A Digital Certificate is issued upon receipt of mandatory identity (i.e. Applicant's PAN Card) and Address proofs and verification form duly attested by the Bank Manager / Post Master / Gazetted Officer. Only upon the receipt of the required documents, a digital certificate can be issued. For more details please visit the website – <https://haryanaeprocurement.gov.in>.
- 1.2.3 The bidders may obtain Class-II or III digital signature certificate from any Certifying Authority or Sub-certifying Authority authorized by the Controller of Certifying Authorities or may obtain information and application format and documents required for the issue of digital certificate from:
 - M/s Nextenders (India) Pvt. Ltd.
O/o DS&D Haryana, SCO – 9, 2nd Floor,
Sec – 16, Panchkula, Haryana
E-mail Id: Chandigarh@nextenders.com
Help Desk: 1800-180-2097 (Toll Free Number)
- 1.2.4 Bid for a particular tender must be submitted online using the digital certificate (Encryption & Signing), which is used to encrypt and sign the data during of bid preparation stage. In case, during the process of a particular tender, the user loses his digital certificate (due to virus attack, hardware problem, operating system or any other problem) he will not be able to submit the bid online. Hence, the users are advised to keep a backup of the certificate and also keep the copies at safe place under proper security (for its use in case of emergencies).
- 1.2.5 In case of online tendering, if the digital certificate issued to the authorized user of a firm is used for signing and submitting a bid, it will be considered equivalent to a no-objection certificate/power of attorney /lawful authorization to that User. The firm has to authorize a specific individual through an authorization certificate signed by all partners to use the digital certificate as per Indian Information Technology Act 2000. Unless the certificates are revoked, it will be assumed to represent adequate authority of the user to bid on behalf of the firm in the department tenders as per Information Technology Act 2000. The digital signature of this authorized user will be binding on the firm.
- 1.2.6 In case of any change in the authorization, it shall be the responsibility of management / partners of the firm to inform the certifying authority about the change and to obtain the digital

- signatures of the new person / user on behalf of the firm / company. The procedure for application of a digital certificate however will remain the same for the new user.
- 1.2.7 The same procedure holds true for the authorized users in a private/public limited company. In this case, the authorization certificate will have to be signed by the directors of the company.
- 1.3 Opening of an Electronic Payment Account:**
For purchasing the tender documents online, bidders are required to pay the tender documents fees online using the electronic payments gateway service shall be integrated with the system. For online payments guidelines, please refer to the Home page of the e-tendering Portal <https://haryanaeprocurement.gov.in>.
- 1.4 Pre-requisites for online bidding:**
In order to bid online on the portal <https://haryanaeprocurement.gov.in> , the user machine must be updated with the latest Java & DC setup. The link for downloading latest java applet & DC setup are available on the Home page of the e-tendering Portal.
- 1.5 Online Viewing of Detailed Notice Inviting Tenders:**
The bidders can view the detailed N.I.T and the time schedule (Key Dates) for all the tenders floated through the single portal e-Procurement system on the Home Page at <https://haryanaeprocurement.gov.in>
- 1.6 Download of Tender Documents:**
The tender documents can be downloaded free of cost from the e-Procurement portal <https://haryanaeprocurement.gov.in>
- 1.7 Key Dates:**
The bidders are strictly advised to follow dates and times as indicated in the online Notice Inviting Tenders. The date and time shall be binding on all bidders. All online activities are time tracked and the system enforces time locks that ensure that no activity or transaction can take place outside the start and end dates and the time of the stage as defined in the online Notice Inviting Tenders.
- 1.8 Bid Preparation (Qualification & Financial) Online Payment of Tender Document Fee, eService fee, EMD fees of online Bids:**
- 1.8.1 The online payment for Tender document fee, eService Fee & EMD can be done using the secure electronic payment gateway. The Payment for Tender Document Fee and eService Fee can be made by eligible bidders/ contractors online directly through Debit Cards & Internet Banking Accounts and the Payment for EMD can be made online directly through RTGS / NEFT.
- 1.8.2 The secure electronic payments gateway is an online interface between contractors and Debit card / online payment authorization networks.
- 1.8.3 The bidders shall upload their technical offer containing documents, qualifying criteria, technical specification, schedule of deliveries, and all other terms & conditions except the rates (price bid).
- 1.8.4 The bidders shall quote the prices in price bid format only.
- 1.8.5 If bidder fails to complete the Online Bid Preparation & Submission stage on the stipulated date and time, his/hers bid will be considered as bid not submitted, and hence not appear during tender opening stage.
- 1.8.6 Bidders participating in online tenders shall check the validity of his/her Digital Signature Certificate before participating in the online Tenders at the portal <https://haryanaeprocurement.gov.in>.
- 1.8.7 For help manual please refer to the 'Home Page' of the eProcurement website at <https://haryanaeprocurement.gov.in>, and click on the available link 'How to..?' to download the file.
- 1.9 Guideline for Online Payments in e-tendering**
- 1.9.1 Post registration, bidder shall proceed for bidding by using both his digital certificates (one each for encryption and signing). Bidder shall proceed to select the tender he is interested in. On the respective Department's page in the e-tendering portal, the Bidder would have following options to make payment for tender document & EMD:
- i. Debit Card

- ii. Net Banking
- iii. RTGS/NEFT

1.9.2 Operative Procedures for Bidder Payments

A) Debit Card

The procedure for paying through Debit Card will be as follows.

- (i) Bidder selects Debit Card option in e-Procurement portal.
- (ii) The e-Procurement portal displays the amount and the card charges to be paid by bidder. The portal also displays the total amount to be paid by the bidder.
- (iii) Bidder clicks on "Continue" button
- (iv) The e-Procurement portal takes the bidder to Debit Card payment gateway screen.
- (v) Bidder enters card credentials and confirms payment
- (vi) The gateway verifies the credentials and confirms with "successful" or "failure" message, which is confirmed back to e-Procurement portal.
- (vii) The page is automatically routed back to e-Procurement portal
- (viii) The status of the payment is displayed as "successful" in e-Procurement portal. The e-Procurement portal also generates a receipt for all successful transactions. The bidder can take a print out of the same,
- (ix) The e-Procurement portal allows Bidder to process another payment attempt in case payments are not successful for previous attempt.

B) Net Banking

The procedure for paying through Net Banking will be as follows:

- (i) Bidder selects Net Banking option in e-Procurement portal.
- (ii) The e-Procurement portal displays the amount to be paid by bidder.
- (iii) Bidder clicks on "Continue" button
- (iv) The e-Procurement portal takes the bidder to Net Banking payment gateway screen displaying list of Banks
- (v) Bidder chooses his / her Bank
- (vi) The Net Banking gateway redirects Bidder to the Net Banking page of the selected Bank
- (vii) Bidder enters his account credentials and confirms payment
- (viii) The Bank verifies the credentials and confirms with "successful" or "failure" message to the Net Banking gateway which is confirmed back to e-Procurement portal.
- (ix) The page is automatically routed back to e-Procurement portal
- (x) The status of the payment is displayed as "successful" in e-Procurement portal. The e-Procurement portal also generates a receipt for all successful transactions. The bidder can take a print out of the same.
- (xi) The e-Procurement portal allows Bidder to process another payment attempt in case payments are not successful for previous attempt.

C) RTGS/ NEFT

The bidder shall have the option to make the EMD payment via RTGS/ NEFT. Using this module, bidder would be able to pay from their existing Bank account through RTGS/NEFT. This would offer a wide reach for more than 90,000 bank branches and would enable the bidder to make the payment from almost any bank branch across India.

- I. Bidder shall log into the client e-procurement portal using user id and password as per existing process and selects the RTGS/NEFT payment option.
- ii. Upon doing so, the e-procurement portal shall generate a pre-filled challan. The challan will have all the details that is required by the bidder to make RTGS-NEFT payment.
- iii. Each challan shall therefore include the following details that will be pre-populated:
 - Beneficiary account no: (unique alphanumeric code for e-tendering)
 - Beneficiary IFSC Code:
 - Amount:
 - Beneficiary bank branch:
 - Beneficiary name:
- iv. The Bidder shall be required to take a print of this challan and make the RTGS/NEFT on the basis of the details printed on the challan.

- v. The bidder would remit the funds at least T + 1 working day (Transaction + One working day) in advance to the last day and make the payment via RTGS / NEFT to the beneficiary account number as mentioned in the challan.
- vi. Post making the payment, the bidder would login to the e-Tendering portal and go to the payment page. On clicking the RTGS / NEFT mode of payment, there would be a link for real time validation. On clicking the same, system would do auto validation of the payment made.

D) List of Net banking banks

Sr. no	Name of the bank	Sr. no	Name of the bank
I.	Allahabad Bank	II.	Axis Bank
III.	Bank of Bahrain and Kuwait	IV.	Bank of Baroda
V.	Bank of India	VI.	Bank of Maharashtra
VII.	Canara Bank	VIII.	City Union Bank
IX.	Central Bank of India	X.	Catholic Syrian Bank
XI.	Corporation Bank	XII.	Deutsche Bank
XIII.	Development Credit Bank	XIV.	Dhanlaxmi Bank
XV.	Federal Bank	XVI.	HDFC Bank
XVII.	ICICI Bank	XVIII.	IDBI Bank
XIX.	Indian Bank	XX.	Indian Overseas Bank
XXI.	Indusind Bank	XXII.	ING Vysya Bank
XXIII.	J and K Bank	XXIV.	Karnataka Bank
XXV.	Kotak Mahindra Bank	XXVI.	Karur Vysys Bank
XXVII.	Punjab National Bank	XXVIII.	Oriental Bank of Commerce
XXIX.	South Indian Bank	XXX.	Standard Chartered Bank
XXXI.	State Bank Of Bikaner and Jaipur	XXXII.	State Bank of Hyderabad
XXXIII.	State Bank of India	XXXIV.	State Bank of Mysore
XXXV.	State Bank of Travencore	XXXVI.	State Bank Of Patiala
XXXVII.	Tamilnad Mercantile Bank	XXXVIII.	Union Bank of India
XXXIX.	United Bank of India	XL.	Vijaya Bank
XLI.	Yes Bank		

2. SITE, SCOPE OF WORK & OBJECTIVE

- 2.1 Site : Various Locations in the State of Haryana
- 2.2 Survey, planning, installation and commissioning of RF system at both ends as per the, installation and commissioning.
- 2.3 Connecting the RF cable and other cables from antennae to equipment and from equipment to BTS as per specification.
- 2.4 Equipment is to be earthed from earth pit to the equipment by laying the insulated copper wire.
- 2.5 Alignment of the Antenna is to be done, so that LOS (Line of Site) link is established with the far end terminal and the SNR (Signal to Noise Ratio) is within the acceptable limits.
- 2.6 Bidder must insure that end to end connectivity from BTS to BSC (Base Station Controller) can be established.
- 2.7 The bidder is advised to have a back to back support with OEM only, for reliable and dependable maintenance services during the period of the contract. The OEM back to back support document must be submitted.
- 2.8 Warranty/Annual Maintenance Contract: All items should carry minimum 5 years onsite warranty after acceptance of the equipment & complete system.

- 2.9 HARTRON/Haryana Police reserves the right to increase / decrease the size of the project in terms of requirements at any stage.
- 2.10 HARTRON/ Haryana Police reserves the right to change, delete and add any technical specification and any term and condition of the tender, as required during the process of implementation.
- 2.11 Modularity, Expandability and Upgrade ability in the overall system configuration should be open.
- 2.12 The bidder shall have the sole responsibility to execute this project on turnkey basis.
- 2.13 Bidder should fully accountable for the performance of all components of the supplied equipments.
- 2.14 Supply, Inland transportation, loading and unloading, Transit Insurance, Delivery at site, Installation, Cabling, Testing, Commissioning, Documentation, and Bill of Quantities as per this document.
- 2.15 Only such bidders who have quoted their prices for the complete scope in all respect shall be considered.
- 2.16 The BOQ as estimated by HARTRON is not exhaustive. Any additional items/ components as required for the successful completion of the work under taken may be assessed by the party and the same may be incorporated in the offer. The BOQ as assessed by the party as above should be clearly indicated in the offer. Even at the time of execution, if any additional items/ components are required to complete the system, notwithstanding the BOQ as identified by the party as above, the same shall be provided free of cost by the firm.
- 2.17 All the device drivers released till the date and their future updates shall be available on OEM's website during warranty & support period.
- 2.18 After completion, installation and successful commissioning of the RF Link at least for a period of one month than the system will be handed over to the concerned department by the successful bidder.

3. Eligibility Criteria for Bidders:

3.1 Bidders General Criteria:

- I. This tender is open to all firms/companies from within India, who are eligible to do business under relevant Indian laws as in force at the time of bidding.
- II. Firm/company declared by Govt. of India (GoI), Govt. of Haryana (GoH) to be ineligible to participate for corrupt, fraudulent or any other unethical business practices shall not be eligible during the period for which such ineligibility is declared.
- III. Breach of general or specific instructions for bidding, general and special conditions of contract with GoH may attract a proceeding to declare a firm/company ineligible for a certain period or certain number of consecutive tender calls.
- IV. The Bidder must be a company/firm registered under the Indian Companies Act.
- V. The Bidder must be original equipment manufacturer (OEM). However, in case as an OEM policy, the OEM is not bidding directly, then their authorized dealer/distributor can participate

in the tender. In all the cases, service responsibilities should be with the OEM in addition to the bidder service during the warranty period.

- VI. The OEM should be in business in India during last 5 years and offered make should be available in the market from last 5 years in India.
- VII. The Authorized Bidder of the OEM should be in business of IT/Networking/Electronics/Telecommunication/RF Connectivity during last three years in India.
- VIII. The make offered by OEM should be approved from WPC.
- IX. OEM must have warehouse, sales, service staff in India - (Valid HR Doc. Required)
- X. OEM/Bidder should have minimum 3 order of RF point to point (PTP) / Point to multipoint (PTMP)
- XI. Connectivity in which at least 1 order in Govt. Sector (Govt./PSU/Central/State agency) in India. (Satisfactory/performance certificate to be attached)
- XII. The Bidder (other than OEM) should have consolidated turnover of Rs. 02.00 Crore from System Integration (IT/Networking/Electronics/Telecommunication/RF Connectivity) Business in last 3 years.
- XIII. In case bidder is an authorized dealer/distributor, then turnover of both bidder and OEM will be required.
- XIV. The Bidder should have all necessary licenses, permissions, consents, NOCs, approvals as required under law for carrying out its business. The Bidder should have currently valid Sales tax/Service Tax Registration Certificate and PAN No.
- XV. The Bidder must have valid Registration No. of Sales Tax/VAT/Service Tax/PAN No. , whichever is applicable.(copy of proof may be enclosed);
- XVI. The Bidder should have their own after sales support facilities in any of the below mentioned places:
- Panchkula / Chandigarh / Mohali (Tri-City)
 - Delhi NCR (Delhi / Gurgaon / Faridabad)
 - Haryana
 - The support facilities should be fully owned by the Bidder / OEM and managed by their permanent employees (company payroll) and not through franchisee(s).
- XVII. Bidder & OEM should not be blacklisted from any Govt./PSU/Central/State agency
- XVIII. The average annual turnover of the OEM during last 3 financial years should be min. Rs. 5.00 Crores in India. However, in case the OEM billing is not from India, then the turnover of their importer in India may be considered (Audited balance sheet to be attached).
- XIX. The bid is not transferable.

3.2 Eligible Equipment and Services

- I. All the equipment to be installed must bear reputed brands. If Bidder does not manufacture the equipment, bidders must submit a proof of authorization from OEM. OEM's test reports should also be supplied with all equipment. All accessories bundled by the OEM with the equipment should also accompany the equipment.
- II. For any line item no option will be accepted. The bidder is required to quote only one technically complied product against each line item. No option will be considered. Bidders are requested to mention the specific make & model no. of offered product against each line item.
- III. The Equipment to be supplied by bidder shall be the industry proven products and not the R&D models. The equipment shall confirm to the requirements of relevant Indian & International Standards.
- IV. HARTRON will accept only new equipment, used and / or re-manufactured equipment will not be accepted. Factory test report should be submitted with equipment at the time of delivery.
- V. OEM should have been supporting the products under its own name and brand since last 5 years and should have a product roadmap for next one year. The quoted products should be latest version and should not be end of life / sale / support for next 3 years from the date of supply. Level-1 support at site is to be provided by the bidder as per the maintenance clause mentioned in RFP. Level-2 supports should be provided by the OEM directly at site in case their bidder fails to rectify the problem within allotted time as mentioned in RFP. Certificate of OEM for the same should be submitted along with technical bid. Details of OEM support should be provided with Pre-qualification cum technical bid for this purpose.
- VI. The bidder will have to offer the inspection in the manner as decided by HARTRON before delivering to the respective site. The cost of the same has to be borne by the supplier. Any deviation found in the specification of the produced goods or delivered goods after inspection from the tender specifications will lead to the cancellation of the order, forfeiture of EMD/PBG and prohibition in the participation in the future purchase of Government of Haryana. HARTRON/Haryana Police will not be responsible for any time delay which may arise due to any deviation from the bid technical specification found at the time of inspection and the bidder has to deliver and install the ordered goods within prescribed time limit. At the time of inspection, bidder is required to produce OEM's confirmation on OEM's Letter Head with Make, Model & Sr. nos. of each offered equipment and Software supplied for back to back warranty support as per tender terms & conditions
- VII. In case the quoted Item is not available in the market, the bidder will have to supply Higher Version / replacement of that Item in the quoted cost in the same time duration with prior approval of HARTRON. No "End of Life" product should be quoted to minimize such instances.
- VIII. If any of the hardware/software reaches End of Service / support Life, as declared by OEM, the vendor has to replace the defective hardware & software with higher capacity hardware & software, and the vendor shall be responsible for successful functioning and integrated operation of the entire system after such replacement. Non-availability of spares / components / software shall not be the sufficient reason for nonperformance of the system during the maintenance contract period /Warranty.
- IX. The offered model should be listed on the OEMs Global Website.
- X. The bidder will be required to maintain fully equipped technical support centre at a convenient location with necessary spares in sufficient quantity, so that Service Engineers can reach the various locations along with required spares within 24 hours of reporting the call including holidays. You shall provide the list of such spares.

Note - Documentary Proof should be attached with the offer wherever required. The vendor should be in a position to produce the original document(s) for verification, if needed.

4. Min. desired quantity & technical specifications

S#	Description	Qty / Job	Unit
1	5.8 GHz, Base Unit / Remote Radio that Outdoor Unit (ODU) with integrated/External antenna, Ethernet Surge Suppressor and mounting hardware , (For Long distance Link, more than 7 KMs upto 25KMs)	2	Link (Pair)
2	5.8 GHz, Base Unit / Remote Bridge that includes: Outdoor Unit (ODU) with integrated/External antenna, Ethernet Surge Suppressor and mounting hardware. (For Short distance Link, up to 7 KMs)	4	Link (Pair)
3	3 Leg Self Support Tower with Led Aviation light, power cable, lightning arrester, paint on each section.	300	Mtr
4	Ground/ Rooftop foundation of Self Support Tower including civil material, Chemical Earthing with less than 3 Ohms Resistance	11	No.
5	CAT6 Outdoor Cable with Conduit	1,080	Mtr
6	6-U Rack with Acc.	11	No.
7	1KVA Offline Line Interactive UPS System with 2 nos. 2x12Vx7AH = 168VAH or Higher Batteries. Onsite warranty, service & support 5 years including batteries. Complete set of batteries shall be replaced after 3 years irrespective of performance. The UPS should be compatible with Genset.	11	No.
8	Installation of above material /Job for all sites	1	No.

S#	Site Name	Apx Link Distance (In Kms)	Tower Height In Meters	No. of Tower	Total Height in Meters
Short Distance Link upto 7.0 KM					
1	Police Station Sector 23 Chandimandir with DNMC Panchkula	5.4	24	2	48
2	Police Line , Kaithal With DNMC Kaithal App. Distance	6.5	24	2	48
3	Police Line , Sadar Narwana with SDM Office Narwana	6.8	24	2	48
4	Police Line Moginanad Panchkula with DNMC Panchkula	7	24	1	24
Long Distance Link upto 25.0 KM					
5	Newal Commando Complex with DNMC Karnal Dist.	10	30	2	60
6	Police Station Jhansa With DNMC Kurukshetra	25	36	2	72

Note- Height of Tower can vary as per survey at the time of installation. Qty. can increase or decrease and shall be paid as per actual.

Sr.No.1- 5.8 GHz, Base Unit / Remote Radio that Outdoor Unit (ODU) with integrated/External antenna, Ethernet Surge Suppressor and mounting hardware , (For Long distance Link, more than 8 KMs)

Sl. No.	Features	Description	Compliance
1	Frequency	Radio should operate in India ISM Band (5.8GHz) as per WPC Regulation	
2	WPC Approval	System must be approved from WPC	
3	Band Support	Radio Must support 5.8GHz Multi-Band	
4	NLOS,nLOS operation	Must support 512 subcarrier to support superior performance in NLOS ,nLOS conditions	
5	Channel Bandwidth	5 / 10 / 20 MHz with 2.5 MHz steps or better	
6	Max Output Power at Antenna port	-30 dBm to 22 dBm, 1dB step	
7	Modulation	QPSK, 16-QAM, 64-QAM, 256-QAM, MIMO-B, with Forward Error Correction (FEC)	
		Should support automatic adaptive modulation	
8	Architecture	Integrated, minimum 9 dBi, Must support H and V polarization patch or Connectorized version to use with external MIMO antenna	
		Single Cable between IDU & ODU	
9	Distance Coverage	Minimum 10-25 KMs	
10	External Gain	System must have provision of increasing the antenna gain without RF cable to avoid moisture or point of failure, to cover longer distance	
11	Transmit Power	Automatic transmit power control (ATPC)	
12	Ethernet Latency	Average latency of a heavily loaded (85% of link capacity) one way trip must not exceed 7 ms (regardless of packet size)	
13	Packet Filtering	System should support packet filtering	
14	Link Test Utility	Should support the inbuilt link test utility to calculate the throughput and efficiency of link	
15	VLAN Support	VLAN support based on IEEE 802.1Q	
16	Security	56-bit DES, FIPS-197 128-bit AES authentication	
17	Throughput	System must support provide at least 120 Mbps usable throughput in 20 MHz Channel Bandwidth	
18	Bandwidth	System should be able to configure symmetric & asymmetric bandwidth.	
19	MIMO-B	System must have the support for 2 x 2 MIMO-B technology to increase the throughput	
20	LAN Interface	System must have 10/100Base(T) Half/Full Duplex, rate auto negotiated (802.3 compliant)	
21	Management	System should have support of IPv4, UDP, TCP, IP, ICMP, Telnet, SNMP, HTTP, FTP	
		System should have support of Network Management with HTTP, Telnet, FTP, SNMP v2c	

22	Management VLAN	System should have the support of VLAN 802.1ad (DVLAN Q-in-Q), 802.1Q with 802.1p priority, dynamic port VID	
23	QoS	Must support 802.1P and Diffserve QoS	
24	Error Correction	3/4 Reed Solomon Forward Error Correction coding and ARQ	
25	GPS synchronization	System should support GPS synchronization technique to eliminate interference	
26	Alignment	SNR bar or beeper based alignment option on outdoor radio unit for antenna alignment	
27	Antenna Gain	a) Should have provision to increase the gain of integrated antenna up to 23 dBi without using any RF cable in Integrated model or b) Should have provision to use External Antenna of desired gain in Connectorized model	
28	Operation Temp.	20°C to 55°C Outdoor	
		10°C to 40°C Indoor	
29	Protection	IP65 or better	
30	Certification	CE: EN 301 893 v1.6.1 (5.4 GHz) EN 302 502 v1.2.1 (5.8 GHz)	WPC Compliance
		ETSI: EN 301 489-1 V1.9.2 EN 301 489-17 V2.1.1	
		IC: RSS Gen and RSS 210	
		FCC: Part 15 Class B	

Sr.No.-2- 5.8 GHz, Base Unit / Remote Bridge that includes: Outdoor Unit (ODU) with integrated/External antenna, Ethernet Surge Suppressor and mounting hardware. (For Short distance Link, upto 8 KMs)

Sl. No.	Features	Description	Compliance
1	Frequency	Same Radio should operate in India ISM Band (5.8GHz) as per WPC Regulation	
2	WPC Approved	System must be approved from WPC	
3	Topology	System should be able to perform as Point-to-Point and Point-to-Multipoint without changing Hardware	
4	Channel Bandwidth	System must support 5MHz / 10 MHz / 20MHz / 40 MHz Channel Bandwidth	
5	Channel Spacing	Configurable on 5MHz increments	
6	Max Output Power at Antenna port	+30 dBm (double chain combined), configurable in 1dB Step	
7	Modulation	QPSK, 16-QAM, 64-QAM, MIMO, OFDM with Forward Error Correction (FEC)	
		Should support automatic adaptive modulation	
8	Architecture	25 dBi Integrated Dish Antenna	
		Single Cable between IDU & ODU	
9	Transmit Power	System must support Automatic Transmit Power Control (ATPC) to limit the CPE unwanted power	

10	Distance Coverage	shall support at least for 15 KMs	
11	Vlan Support	VLAN support based on IEEE 802.1Q with 802.1p priority	
12	Encryption	128 bit AES	
13	Throughput	System must deliver actual/usable aggregate throughput of at least 100 Mbps in 20 MHz Channel Width	
14	Encription effect on throughput	Throughput capacity should not be reduced when using AES encryption	
15	LAN Interface	System must support 100/1000Base(T) half/full duplex, rate auto negotiated	
16	Management	System should have support of IPv4, UDP, TCP, IP, ICMP, SSH, SNMPv2c, HTTPs, STP	
		System should have support of Network Management with HTTPs, SSH, SNMPv2c	
17	Quality of Service	Three level priority (Voice, High, Low) with packet classification by DSCP, COS, VLAN ID, IP & MAC Address, Broadcast, Multicast and Station Priority	
18	ARQ	System should support ARQ	
19	Ethernet Latency	Typical latency shall not exceed 4ms roundtrip	
20	Surge Protection	System should have inbuilt surge protection mechanism up to 1 Joule	
21	Power Consumption	Typical 8W but not more than 10W	
22	Priority Management	User must be able to define priority for management and data traffic	
23	Prioritization of Multicast	System must support protization of Multicast fo Video Streaming.	
24	Classification	System must provide the provision to configure rules to classify High Priority Packets	
25	MAC (Media Access Control) Layer	System must support scheduled access rather than CSMA Technology	
26	Anti-Cloning	system must supports Anti cloning Hardware for better security	
27	Packets Per Second	Minimum 25000 PPS	
28	Spectral Efficiency	Minimum 5 bps/Hz or better	
29	Bandwidth	System should be able to configure symmetric & asymmetric bandwidth. Also should support flexible dynamic Upload and download percentage should be user configurable.	
30	Identity-based user accounts	System must support minimum of four user with four possible user role as Administrator, Installer, User and Read only	
31	NAT	System must supports NAT feature	
32	DHCP	System must be able to receive the IP Address from DHCP Server	
33	Layer 2 Firewall	System must support Layer 2 firewall based on VLAN, Ethertype, Source and Destination Mac Address in wireless/Ethernet port direction	
34	Layer 3 Firewall	System must support Layer 3 firewall based on IP Address, Network and DSCP/TOS.	
35	Log	System must be able to generate log for firewall mach	
27	Tools	System must supports inbuilt tool to Ping, Traceroute and	

		UL/DL Throughput Testing	
28	NTP	System must be able to derive clock from NTP Server	
29	Syslog	System must support Syslog Feature to upload the log on Syslog Server	
30	Spectrum Analyser	System must support Spectrum analyser tool to find the best available frequency to be used.	
31	Performance Statistic	System must be able to provide detail statistic of Wireless and Lan Interface including Received packets, error ,multicast , broadcast packet received	
32	Ethernet Port	system must also support Secondary Ethernet Port which can be directly connected to IP Camera	
33	Operation Temp.	20°C to 55°C Outdoor	
		10°C to 40°C Indoor	
34	Protection	Shall support IP65 or higher	
3	Certification	CE: EN 301 893 v1.7.1 EN 302 502 v1.2.1	WPC Compliance
		EMC: EN 301 489-1 v1.9.2 & EN 301 489-17 v2.2.1	
		Health EME: EN50385:2002	
		Safety: EN 60950-1:2006 + Amendment 12:2011 EN 60950-22:2006	

S#	CAT6 Outdoor Cable	Compliance
1	Cable Should be 4 pair CAT 6 S/UTP Outside plant category	
2	Conductor Size : 23 AWG	
3	Should have two Overall Jackets Primary Jacket :inner PE (UV) , Secondary Jacket Outer : NYLON	
4	CROSS FILLER Star cross fillers to separate the individual pairs	
5	OPERATING TEMPERATURE: -20°C to +75°C	
6	Minimum Outer Diameter : 10.3mm	
7	Should be suitable for outdoor and underground installation	
8	Should be jelly filled for water and moisture proofing	

Note:- The above mentioned quantity of all the desired components mentioned in offered bill of material is tentative and may vary as per actual site requirement & will be paid as per actual consumption. Final requirement will be confirmed at the time of confirmed order as per actual requirement.

5. KEY POINTS RELATES TO SERVICE:

- i. The work should be completed as per the Department of Telecommunication (DOT) Guidelines.
- ii. RF Tower Permission if required both local & DOT will be taken by bidder.
- iii. Warranty should be 5 years with onsite support including holidays.
- iv. Minimum up-time required 99.5%.
- v. The cost of all hardware & software items should include mandatory 5 years onsite comprehensive Original Equipment Manufacturer's warranty.
- vi. The arrangement/option/quantity may increase or decrease. The quantity of all active & passive components mentioned in offered bill of material is tentative and may vary as per site requirement & will be paid as per actual consumption.
- vii. The overall responsibility of installation, configuration, testing & commissioning of the above mentioned hardware & Software with existing system would rest with the supplier for smooth integration, connectivity & functionality to ensure the trouble free operation of complete

system along with 5 years onsite support & warranty as per the end user requirement. The acceptance report will be issued by Nodal Officer at site or the officials appointed by Concerned Department after complete delivery, inspection, installation, configuration, testing & commissioning of supplied item by vendor.

- viii.** The services of technical resources may also be required on non-working days or beyond office hours on working days on some occasions to meet emergency situation or as required by the concerned authority at respective site. The successful bidder shall ensure that the service of technical resources on such occasion/requirement also is available.
- ix.** Hartron/Haryana Police reserves the right to increase / decrease the size of the project at any stage.
- x.** Hartron/ Haryana Police reserves the right to change, delete and add any technical specification and any term and condition of the tender, as required during the process of implementation. Modularity, Expandability and Upgrade ability in the overall system configuration should be open.
- xi.** The bidder shall have the sole responsibility to execute this project on turnkey basis & Bidder should fully accountable for the performance of all components of the supplied equipments.
- xii.** After completion, installation and successful commissioning of the system at least for a period of one month than the system will be handing over to the staff of division conserved by the tenderer.
- xiii.** The Successful bidder is required to supply the latest updates, patches and upgrades free of cost during the warranty period.
- xiv.** Downtime: The downtime is defined as a time during which the system and/or services running on it are not available and/or deem to be not available to the users in part or full due to any nonfunctioning repairs/problem etc. The penalty for downtime will be counted as per the parameters given in the following respective clauses.
- xv.** The bidder shall provide the offered technical solution in the form of PPT with their PQ cum Technical Bid. The bidder should provide an outline of the solution under the following topics:
- Overview of the Proposed Solution
 - Overall architecture
 - Security architecture
 - Scalability
 - Redundancy
 - Operations & Maintenance
 - Training
 - Quality assurance/process
 - Any other additional requirement that the bidder envisages is necessary for the success of the project.

6. Proof of Concept (POC). if required by HARTON/Haryana Police during finalization process: The technical specifications of the offered solution will be evaluated by Technical Committee of HARTRON or the committee constituted by MD, HARTRON / Haryana Police in terms of their functional requirements using "Proof of Concept" (POC). POC clearly indicates the capabilities & limitation of their offered product / solution and how it achieves the expectations/requirements of HARTRON/ Haryana Police. POC will be done using the same make & model mentioned in the technical bid by the bidder. The Technical Committee will evaluate the offered solution/products during POC.

7. Delivery & Implementation Schedule:

S#	Activity	Schedule
1.	Supply of active & passive components from the date of	Within four weeks from the date of placement of the order.

	purchase order at all sites	
2.	Installation of active & passive from the date of delivery.	Within two weeks from the supply or as per the direction of Nodal Officer of Haryana police at Site However, the installation is to be completed within two weeks only as the case may be
3.	Inspection	Immediate after Installation & Operational
4.	Acceptance	One month (30 days) trouble free operation from date of inspection

8. Schedule of Tender:

- a. Availability of Bid Document: The tender notice & document is available at <http://haryanaeprocurement.gov.in>.
- b. Amendment of Tender Document: The amendments in any of the Terms & Conditions of this Tender Document shall be uploaded on <http://haryanaeprocurement.gov.in> and all prospective bidders are advised to check both websites from time to time for any updates.
- c. Submission of Bids: Bids should be submitted online at <http://haryanaeprocurement.gov.in> Upto 28.11.2016 by 2.30PM.
- d. Opening of Pre-qualification cum Technical e-Bids: At 3.00 pm on 28.11.2016 at Haryana State Electronics Development Corporation Ltd. 4th Floor, SCO 109, Sector-17 B, Chandigarh. The bidders or their authorized representatives may be present if they so desire.
- e. Bidders are requested to submit the Hard copy of Pre-qualification cum Technical Bid within one working day from the date of opening of Pre-qualification cum Technical Bids.
- f. Advice to the Bidders: Bidders are advised to study this tender document carefully before participating. It shall be deemed that submission of Bid by the bidder have been done after their careful study and examination of the tender Document with full understanding to its implications.
- g. Period of Validity of Offer: Offer should remain valid for 90 days after the date of opening of the Pre-qualification cum technical bids as prescribed by the Corporation. If the validity of the offer is extended, the validity of EMD will also have to be extended. An offer valid for a shorter period may be rejected by Hartron as non-responsive.
- h. Language of the Bid Proposal: The Language of the bid proposal as prepared by the Bidders shall be English and all further correspondence and documents related to the bid proposal exchange with the corporation shall be English.

9. Procedure for Submission of e-Bid:

- 9.1 The e-Bids should be submitted in two parts i.e. Pre-Qualification cum Technical Bid and Commercial Bid.
 - a. Pre-Qualification cum Technical bid (stage 1): - The Technical Bid format as given in the Tender shall be filled, signed and stamped on all pages. Errors if any shall be attested by the Bidders. The Technical Bid shall not contain any indications of the Price otherwise the Bid will be summarily rejected. The bidders shall submit the details of make and model of the items offered against the tender requirement. The technical bid should be submitted through e-bid as well as hard copy of technical bid should also be submitted at Hartron SCO 109, Sector 17-B, Chandigarh as per schedule given in tender.
 - b. Price Bid Form (Stage 2):-All the Price items as asked in the Tender shall be filled in the Price Bid Format as given in the Tender. The Prices quoted shall be only in INDIAN RUPEES (INR) only. The tender is liable for rejection if Price Bid contains conditional offers.
- 9.2 The following documents shall be enclosed by every vendor along with the Technical bids:
 - a. Make and model of all systems, sub systems and optional items should be mentioned in the technical bid and complete technical details should be provided in the form of brochures and write ups and evaluation reports from the neutral/accredited third party.
 - b. Completely filled technical compliance must be submitted for each quoted configuration.
- 9.3 Tender bid must contain the name, office and after office hours addresses including telephone number(s) of the person(s) who are authorized to submit the bid with their signatures. A certificate from bidder's HR/ legal department must enclosed with the bid

- certifying that the person(s) who signed the bid is a authorized person on behalf of company.
- 9.4 Un-signed, un-stamped and without certificate of authorized person from bidder's HR / legal department bid shall not be accepted.
- 9.5 All pages of the bid being submitted must be signed and sequentially numbered by the bidder irrespective of the nature of content of the documents.
- 9.6 Bids NOT submitted as per the specified format and nomenclature will be out rightly rejected.
- 9.7 Ambiguous bids will be out rightly rejected.
- 9.8 HARTRON or Haryana Police will NOT be responsible for any delay on the part of the vendor in obtaining the terms and conditions of the tender notice or submission of the tender bids.
- 9.9 The offers submitted by telegram/ fax/ E-mail etc. shall NOT be considered. No correspondence will be entertained on this matter.
- 9.10 The basic prices in Indian rupees should be quoted separately for each set of items given in Technical specifications inclusive of Interface Cables, Power Cables, related accessories, Documentations of sub assemblies of system and Operating Manuals of the systems, Packing, Forwarding, Freight, Insurance, Installation charges at sites and Warranty etc. Excise duty and Sales tax and any other tax as applicable should be quoted separately, failing which these are not payable extra.
- 9.11 Financial bid may be submitted as per price bid envelope for the corresponding configuration/description indicated in technical specifications.
- 9.12 The price shall be for delivery at desired destination in Haryana including installation/commissioning and complete operationalization and including statutory levies, if any.
- 9.13 Bidders shall indicate their rates in clear/visible figures as well as in words. In case of a mismatch, the rates written in words will prevail.
- 9.14 Any alteration / overwriting / cutting in the bid should be duly countersigned else it will be out rightly rejected.
- 9.15 Conditional tenders shall NOT be accepted on any ground and shall be rejected straightway.
- 9.16 If any clarification is required, the same should be obtained before or during pre-bid meeting only.
- 9.17 Bidder shall furnish a compliance statement (Point-wise) of specifications & features of offered equipments/sub-systems with the Technical Bid. No deviations in terms & conditions of the tender document as well as technical specifications (on the lower side) will be accepted in any case.
- 9.18 Tender process will be over after the issue of Purchase order/empanelment letter(s) to the selected vendor(s). Thereafter, information submitted by the participating bidders before and during the bidding process may be put by HARTRON/Haryana Police in the public domain. Competent Authority in HARTRON/Haryana Police MAY NOT exercise the privilege given under Right to Information Act Section 8(1) (d) which says "there shall be no obligation to give any citizen information including commercial confidence, trade secrets or intellectual property, the disclosure of which would harm the competitive position of a third party, unless competent authority is satisfied that larger public interest warrants the disclosure of such information".
- 9.19 Bids not quoted as per the format given in the tender will be rejected straightway.
- 9.20 The bidder must quote for all the items mentioned in the Annexure including optional items / Services. In case any item not quoted, the bid shall be summarily rejected.
- 9.21 Bidder must quote only one option (Make/model) against the third party items from amongst the items listed in the technical specifications.
- 9.22 Vendor should not quote products which are nearly end of life during the empanelment. However if it happens, empanelled vendor will supply the next higher version of the technically accepted product at the same administered empanelled price.
- 9.23 If required HARTRON in consultation with HARYANA POLICE may allow finally empanelled vendors to supply any of the technically qualified products (make / model), depending upon project requirements, at the same empanelled price provided, documentary evidence as per eligibility criteria is provided.

10. Bid Opening Process

- 10.1 The pre qualification cum technical e-bids so received on the e-procurement portal shall be opened at 1st instance in the presence of the representative of the bidders who choose to remain present for the same at the time of opening of the bids as per the time schedule.
- 10.2 Eligibility criteria and technical e-bids of only those bidders, whose EMD instruments are found to be in order, will be opened afterwards in the same bid opening session, in the presence of the vendor's representatives.
- 10.3 Financial bids of only those bidders, whose bids found technically qualified, by the Technical Evaluation Committee, will be opened in the presence of the vendor's representatives subsequently for further evaluation.
- 10.4 One authorized representative of each of the bidder would be permitted to be present at the time of aforementioned opening of the bids.
- 10.5 Technical Evaluation Process
- 10.6 Technical Bids will be evaluated by the duly constituted Technical Evaluation Committee (TEC) and will shortlist Technical Bids on the basis of technical parameters including possible visit to inspect manufacturing and supply facilities, if considered necessary.
- 10.7 If considered, necessary, the short listed Bidders may be asked to bring one of each of the quoted products, as per specifications set out in "Minimum Technical specifications" for technical evaluation, along with their own test, measuring equipment and technical manpower, to HARTRON/Haryana Police at vendor premises as per schedule to be intimated to them. In case the vendor fails to bring and demonstrate the working of quoted products within the time frame given by HARTRON/Haryana Police for evaluation, the bid shall be rejected.
- 10.8 For Technical evaluation, bidders have to ensure the availability of appropriate specialist, along with every type of documentation required, from their organization for interacting with TEC & evaluation team. In case a bidder does not make the required specialist along with proper documentation available, then such defaulting bidder shall be taken off the tender evaluation process and the bid will stand rejected.
- 10.9 During the technical evaluation, if any of the items FAIL to meet the specification requirement, no subsequent opportunity will be given to the bidder (s). However, a standby system of already quoted make & model, if available instantly on the spot could be considered by the TEC for evaluation only once.
- 10.10 Bidders are advised to ensure that the systems if asked to bring for evaluation, conforms to all technical parameters and is a tested system.
- 10.11 TEC may visit the vendors' premises for technical demonstration/evaluation if required.

11. Evaluation of Bids (PQ cum Technical & Commercial) :

An evaluation committee consisting by MD, HARTRON / HARYANA POLICE will evaluate the bids of all the bidders both technically and commercially as per the following schedule/pattern.

- i. Only Pre-qualification cum Technical bid shall be opened on the day of opening of the bids as per tender document date at 3.00 pm
- ii. Conditional bids shall be summarily rejected.
- iii. The Pre-Qualification cum Technical bids:-The documents furnished by each bidder with its Pre-Qualification cum Technical Bid and will be examined to see whether the qualifications and specific requirements mentioned in the tender document are fulfilled.
- iv. The Financial Bids of only those Bidders short listed from the Technical Bids by TEC will be opened in the presence of their representatives on a specified date and time to be intimated to the respective Bidders by Tender Process Section, and the same will be evaluated by a duly constituted Finance Evaluation Committee (FEC). The place, date and time of the opening of the Commercial Bids shall be notified separately.
- v. If HARTRON in consultation with HARYANA POLICE considers necessary, revised Financial Bids could be called for from the technically short-listed Bidders, before opening the original financial bids for recommending the final empanelment.
- vi. In the event of revised financial bids being called the revised bids should NOT be higher than the original bids except in case of change in Government levies and USD (\$) – Exchange Rate Variations; otherwise the bid shall be rejected.
- vii. The NEGOTIATION will be as per the policy of the State Government prevailing at that point of time.

- viii. Lowest Quoting Bidder will be selected as per the guidelines of the State Government prevailing at that point of time. .
- ix. The L1 bidder will be declared on total project cost on turnkey basis.
- x. Least cost commercial proposal of the proposal of the technically eligible bidder will be designated as L1. In case there are two or more bidders having the same 'L1' price in the commercial bid than the purchaser have its right to place order any of the bidder or bidders. The bidder will be selected as per purchase procedure of Govt. of Haryana.
- xi. The comparison shall be of all-inclusive price of the goods, Haryana VAT preference norms as per Govt. direction and such price to include all costs as well as freight, duties and taxes paid or payable.
- xii. During evaluation of the bids, HARTRON/HARYANA POLICE may, at its discretion, ask the Bidder for any clarification on its bid. The request for clarification and the response shall be in writing / email, and no change in the prices shall be sought, offered, or permitted during evaluation & after opening of commercial bids
- xiii. To get best solution at right price or acceptable premium, purchaser may assign weightage to different parameters of solutions offered and prices by adopting a transparent criterion before opening of commercial bids.
- xiv. Billing from Haryana should be preferred as per State Govt. Policy.
- xv. Rest terms & conditions as per the purchase procedure governed by DIRECTORATE OF SUPPLIES & DISPOSALS, HARYANA regarding one time purchase.
- xvi. No enquiry shall be made by the bidder(s) during the course of evaluation of the tender, after opening of bid, till final decision is conveyed to the successful bidder(s). However, the Committee/its authorized representative and office of Haryana Police can make any enquiry/seek clarification from the bidders, which the bidders must furnish within the stipulated time else bid of such defaulting bidders will be rejected.
- xvii. Right to Negotiation:** The Competent Authority reserves the right for negotiation with the bidders as per the prevailing purchase procedures/policy of the State.
The negotiation, if required, shall be carried out with the technically qualified lowest bidder or the bidders who will be within the range of 5% from Lowest Bidder as per the procedure/policy of the Haryana Govt. prevailing at that point of time.
The tenderer also reserves the right to choose part or whole of the technically acceptable bids at individual costs quoted in the commercial bids.
- xviii. **Purchase Process** - Purchase of specific quantity of stores, goods shall be generally determined based on the rates quoted by the L₁ bidder if the quoted rates are found to be reasonable by the indenting Department and negotiations, if any, held with the lowest bidder. However, the negotiations could be held upto L₃ bidder, if the difference between L₁ quoted rate and those quoted by L₂ & L₃ is within 5% of the L₁ quoted rate. In cases where the L₁ bidder refuses to further reduce his offered price and the L₂ or L₃ bidders come forward to offer a price which is better than the prices offered by L₁ bidder, the bidder whose price is accepted becomes the L₁ bidder. However, in such a situation, the original L₁ bidder may be given one more opportunity to improve upon the discovered price. In case the original L₁ bidder further improves upon the price discovered during the negotiations, he would be treated as the L₁ bidder. The purchase process as per the State Govt. prevailing at that point of time shall be applicable.
- xix. Purchase Preference**
MD, HARTRON / HARYANA POLICE reserves the right to allow Purchase preference upto 50% of the tendered quantities to the Suppliers/ Manufacturers situated in Haryana on the lowest valid rates as per the prevailing purchase preference notified by State Govt, at the time of finalization of the purchase provided:
- The supplier/manufacturer firm claims purchase preference in the tender;
 - The firm submits the registration certificate for the quoted items and valid purchase preference certificate issued by the Industries Department alongwith the tender;
 - The firm submits an undertaking that their sales office for the purpose of billing is based in Haryana and all the billings are/will be raised from Haryana only;
 - The gross rates of the firm claiming Purchase Preference are not higher than 10% of the lowest valid gross rates received in tender and the Haryana based supplier/ firm agrees to the lowest gross rates;
 - For the purpose of Financial Evaluation, 50% of the VAT revenue accruing to the State of Haryana would be discounted from the composite price of the bidder while comparing the bids received in response to DNIT and the L₁, L₂, L₃ bidder status will be determined accordingly.

- If a successful bidder is awarded the bid offer after discounting/rebating 50% of the VAT revenues accruing to the state of Haryana as stated above and the sale does not lead to the full accrual of the VAT revenues to the State of Haryana on the accepted price bid, a penalty equivalent to short accrual of the VAT revenues to the State of Haryana would be recovered from the supplier.
Where more than one tenderer claim Purchase Preference and fulfill all the above conditions, 50% quantity covered under purchase preference may be divided between them on proportionate basis keeping in view the quantity/delivery period quoted by them..
- xx. **Price Fall Clause:** MD, HARTRON can accept lower rates from the vendor at any stage during the contract under price fall clause. Further, if the firm reduces the price of the items of the offered models/**replaced** models with same or better specifications during the contract/supplies, then the rates will also be reduced accordingly.
- xxi. **Released of Order:**
- a. HARTRON in consultation with HARYANA POLICE has the right to choose any subset of the tendered items for placement of supply orders.
 - b. In case Purchase Orders are placed on more than one vendor, the distribution of purchase orders shall be at State wise. However, the distribution will be at the sole discretion of HARTRON and Haryana Police, Chandigarh.
 - c. In general, single purchase order shall be given for all activities. However, in specific cases, subset of items may be ordered.
 - d. Objection, if any, to the Purchase Order must be reported by the vendor within three (3) working days counted from the Date of Purchase Order for modifications, otherwise it is assumed that the vendor has accepted the Purchase Order in totality. This is applicable in case of electronic publishing/delivery of Purchase Order also. After receiving the Purchase Order, amendment if any, of the same Purchase Order is requested by the vendor or done by Haryana Police, installation period will be calculated from the amendment date and not from the original Purchase Order date.
 - e. On the receipt of the Purchase Orders, the Vendor(s) shall obtain all the necessary documents for the State Entry Permit in respective States wherever required by them, for complete, safe and timely delivery of the ordered products.

The bidder is expected to examine all the instructions, forms, terms & conditions and specifications in the indenting document. Further to furnish all the information required by the indenting document or submission of a bid in every respect will be at bidders risk and may result in rejection of the bid.

Read and accepted

Signature on behalf of

M/s _____

Name _____

Designation _____

12. General Terms & Conditions

- 12.1 Offer Acceptance: - Offers are to be submitted for complete solution/system along with required mentioned details of Hardware & Software. Offers received without these, tender may be ignored.
- 12.2 FORMAT: - Any required details, which is not on the proper form and received late, may not be considered.
- 12.3 Contract: - The conditions of contract attached to the form be returned duly signed along with the schedule and in case of non compliance the tender may be ignored.
- 12.4 Subcontracts: - The Supplier shall notify the Purchaser in writing of all subcontracts awarded under this Contract if any already specified in the bid. Such notification, in the original bid or later, shall not relieve the Supplier from any liability or obligation under the Contract. Sub-Contract shall be only for bought-out items and sub-assemblies.
- 12.5 Specification Conformity: - Tenders which are not strictly according to the specifications laid down in the schedule will not be considered. Unless a deviation from the specification / delivery period given in schedule is pointed out by the tenderers specifically, it will be presumed that offer conforms to the specifications, delivery period as laid down in the schedule.
- 12.6 Opening Date: - In case the date of opening falls on holiday, gazetted or subsequently declared, the tender will be opened on the next working day following the closed day.
- 12.7 Jurisdiction: - All disputes will be settled within the jurisdiction of Chandigarh.
- 12.8 Partnership: - The tenderers must attach with their offers the partnership deed or constitution of the firm indicating the name of the proprietor.
- 12.9 Bindings: - HARTRON/ HARYANA POLICE does not bind himself to accept the lowest tender and reserve to himself the right to reject any or all tenders without assigning any reasons.
- 12.10 Price Validity: - Final Price shall remain valid for the minimum period of one year from the date of purchase order for others similar and / or small value networking projects for repeat order under same contract. During the validity of this bid, Final Price or during the extended period, if any, if the bidder sells any system or sub-system of the same or equivalent configuration to any other Department/Organization in India at a price lower than the price fixed for the Purchaser, the bidder shall automatically pass on the benefits to the Purchaser.
- 12.11 Prices quoted should be FOR destination inclusive of current excise duty, freight, insurance, sales tax / VAT etc. **and** are to be quoted in Indian Rupees only.
- 12.12 Price Fall Clause:
- i. The prices charged for the Items/Services supplied under the contract by the successful bidder shall in no event exceed the lowest price at which the successful bidder sells the Goods or offers to sell Items of identical description to any persons/organizations including the HARTRON, Department of the Central or State Government or any Statutory undertaking of the central or State Government, as the case may be, till the signing of the contract.
 - ii. If, at any time during the period the successful bidder reduces the sale price, sells, or offers to sell such goods to any person/ organization including HARTRON or any Department/ Organization of State or Central Government or any statutory Undertaking of the Central or State Government as the case may be, at a price lower than the price chargeable under the contract, the successful bidder shall forthwith notify such reduction, or sale or offer to sell to the purchaser and the price payable under the contract for the supply of material after the date of coming into force of such reduction or sale or offer to sell shall stand correspondingly reduced.

12.13 **Inspection of the Items / Equipments:-** The inspection of the equipment shall be carried out by HARTRON, Haryana Police, NIC & SIT and shall have the power to inspect/verify the equipment supplied as per the order before, during or after installation and to reject the same or any part or portion, if he or they be not satisfied that the same is not at par or according to the specifications submitted by the successful bidder.

12.14 **Condition of Items Supplied:**

- i. This is subject to the condition that the materials are securely packed by the successful bidder in sound containers and the consignment is accepted by the carriers without any adverse remarks as to the packing or the condition of the containers. In case of any adverse remarks, the responsibility for the losses in transit will rest with the successful bidder.
- ii. The successful bidder will not be entitled to charge or be paid for supplies broken, lost or damaged in transit. Such supplies shall be removed by the successful bidder at his own expense. The decision in this regard taken by HARTRON in consultation with Haryana Police shall be binding and final.

12.15 Payment terms:

- 90% payment against delivery, inspection, installation, operations and balance 10% against acceptance & submission of PBG of 10% of total project valid for 60 months from the date of acceptance.
- The EMD & Performance Security Deposits without any interest accrued, shall be released only after the expiry of the warranty period of the systems successfully.
- The PBG shall be released immediately after expiry of its validity period provided there is no breach of contract on the part of the Vendor.
- No interest will be paid on the PBG & EMD.
- Failure to sign the contract and submit PBG in time mentioned above shall constitute sufficient grounds for forfeiture of the EMD. Subsequently failure to perform services as per contract shall constitute sufficient grounds for forfeiture of the PBG.
- In the event of any correction of defects or replacement of defective equipment during the warranty period, the warranty for the corrected/replaced equipment shall be extended to a further period of 12 months. The PBG for a proportionate value shall be extended 60 days over and above the extend warranty period.
- The proceeds of the performance security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to fulfill its obligations under the Contract.

12.16 Delivery Period:

- Delivery within 4 weeks from the date of placement of order.
- Installation with 2 weeks after delivery of all the ordered equipment or as per the requirement of nodal officer as site. However, the installation is to be completed within two weeks only as the case may be.
- After expiry of delivery period, penalty should be applicable as per standard clause of HARTRON. In case the installation is delayed beyond the stipulated period of two weeks, the penalty shall be imposed as per the standard clause of Hartron.

12.17 Delivery Process

- a. All aspects of safe delivery shall be the exclusive responsibility of the Vendor. At the destination Site, the cartons will be opened only in the presence of concerned District Judge or a Nodal Officer identified by District Judge and Vendor's representative and the intact position of the Seal for not being tampered with, shall form the basis for receipt in good condition.
- b. Vendor must apply to the respective authority for issue of road permit /waybill in time.
- c. Delays on account of getting relevant permits shall not make vendors' eligible for waiver of penalties.
- d. Delivery Challan needs to be signed and stamped on completion of delivery of items. In case any discrepancy with regard to sign, stamp or date etc on above delivery challan, a mail from concerned user/ Nodal Officer of Haryana Police may be treated as delivery challan.
- e. The Vendor should install all the items at specified site without any additional charge.

- f. Though HARTRON/Haryana Police will provide all the necessary documents for ensuring smooth delivery of goods at the respective destinations, it is the responsibility of the vendor to deliver the goods in time. If any tax is required to be paid, the same will be reimbursed on actual basis.

12.18 Penalty: If the successful bidder fails to complete the delivery within allotted time frame i.e. within 4 weeks, After expiry of delivery period, a penalty @ 0.5% per week for the delay of first two weeks and 1% penalty for the delay of next 3 weeks upto a maximum cap of 4% penalty for 5 weeks delay, would be imposed. Thereafter, HARTRON might cancel the order in consultation with Indenting Department/Organization and suitable action might be taken against the defaulter firm. However, in case Purchasing Departments/Organizations opts for accepting the items beyond 5 weeks delay, then 1% penalty per week would be continued for unjustified delay. The penalty will be calculated on total contract value per site. The said penalty term shall also be applicable in the case of delay in completion of installation beyond the allotted two weeks after delivery.

12.19 EMD:

- The Bidder shall furnish a bid security as per the amount mentioned in Bid Data Sheet online through e-procurement portal.
- No interest shall be payable on EMD under any circumstances.
- Unsuccessful Bidder's Bid security shall be discharged or returned within 60 (sixty) days of expiration of the period of proposal validity or after awarding Tender to successful Bidder.
- In case of successful bidder, the EMD shall be discharged alongwith the balance 10% payment upon submission of a performance bank guarantee of 10% of the total project value.
- The EMD shall be forfeited by HARTRON, on account of one or more the following reasons-
 - If a bidder withdraws its bid during the period of bid validity
 - If the bidder fails to sign the agreement in accordance with terms & conditions (Only in case of a successful bidder)
 - Fails to furnish performance bank guarantee as specified in annexure
 - Information given in the proposal is found inaccurate/incomplete.
 - If the Bidder fails to comply with any of the terms, conditions or requirement of order and the technical specifications of the tender document. The Earnest Money deposited by the Bidder will be forfeited.

12.20 Performance Security Money

- PBG of 10% of total project valid for next 60 months from the date of acceptance and the bank guarantee shall be payable subject to deduction of any penalty / charges / fine / damages.
- Failure to sign the contract and submit PBG in time mentioned above shall constitute sufficient grounds for forfeiture of the EMD. Subsequently failure to perform services as per contract shall constitute sufficient grounds for forfeiture of the PBG.
- The EMD & Performance Security Deposits without any interest accrued, shall be released only after the expiry of the warranty period of the systems successfully.
- The PBG shall be released immediately after expiry of its validity period provided there is no breach of contract on the part of the Vendor.
- No interest will be paid on the PBG & EMD.
- In the event of any correction of defects or replacement of defective equipment during the warranty period, the warranty for the corrected/replaced equipment shall be extended to a further period of 12 months. The PBG for a proportionate value shall be extended 60 days over and above the extend warranty period.
- The proceeds of the performance security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to fulfill its obligations under the Contract.

12.21 Comprehensive Warranty Period and Maintenance Services:

- The complete systems should be under 5 (Five) years free on-site comprehensive warranty Level 1 support service from the vendor and Level 2 support from OEM from the date of installation including free provision of spare parts as and when necessary

- The warranty period for the systems shall be taken into account from the date of completion of supply of products, its successful installation/commissioning and acceptance by Haryana Police, including free spare parts, kits etc, whichever is later.
- During warranty period, besides service/maintenance of Hardware and its peripherals and System Software, if any and all driver software up gradation, if any, installing patches, if any and services shall also be provided at no extra cost.
- Supplier will maintain enough spares in India (not less than 10%) so as to provide satisfactory on-site comprehensive maintenance services during the warranty period. Supplier will indicate the level of spares, 2(a) which will be stored by them in India for providing comprehensive onsite warranty services to HARYANA POLICE sites. Vendor will also provide a status report every six months through e-mail to HARYANA POLICE/user about the support related complaints lodged by different users and availability of spares at the vendor warehouse.
- Vendor would provide the helpdesk support services through telephone/e-mail where users can lodge their complaint. Each user will be assigned a unique trouble ticket number through which he should be able to track the action taken on his complaint through a support portal. The resident Project Manager at Delhi will maintain the list of trouble tickets being opened and closed.
- The Supplier warrants that the goods supplied under this contract are new, unused, of the most recent or current models and these incorporate all recent improvements in design and materials unless provided otherwise in the Contract. The Supplier further warrants that all Goods supplied under this Contract shall have no defect, arising from design, materials or workmanship or from any act or omission of the Supplier that may develop under normal use of the supplied Goods.
- It shall be the responsibility of the successful bidder to keep the equipment in good working condition the necessary repairs/maintenance of during the comprehensive warranty period; otherwise it shall be treated as a non performance on the part of the vendor for penalty.
- The bank guarantee submitted against 10% payment shall be kept by HARTRON as a security against the comprehensive warranty period. PBG will be released after expiry of its validity (after completion of 5 year warranty from the date of acceptance of the project) after settlement of all penalties / dues.
- Under the warranty support, any failure in the system or a subsystem thereof should be rectified within maximum period of 4 hours of lodging complaint including holidays. If any of the system is down beyond the above time line, penalty will be charged or recovered from out of withheld amount/Bank Guarantee towards penalty at the rate of 0.2% (point two percent) of the purchase value of the equipment. Maximum penalty will be limited to 10% of the purchase order value. If system remains down beyond 7 days, HARTRON/HARYANA POLICE will have option to get it rectified through alternate source. The cost of repair on such default shall be recovered from the withheld amount/ BG.
- If any equipment and related components gives continuous trouble, say six times in one month during the warranty period, the bidder shall replace the same with new without any additional cost to the purchaser.
- If the Supplier, having been notified, fails to remedy the defect(s), within a reasonable period, the Purchaser may proceed to take such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract.
- Free maintenance services shall be provided by the Bidder during the period of warranty for 5 years and the supplier shall ensure availability of the system 24x7x365 during the warranty period of five years.
- During the comprehensive warranty period yearly preventative maintenance is mandatory, even if no complaint is lodged by the purchaser. The certificate will be released after verifying preventative call reports for satisfactory working of the supplied items.
- On completion of comprehensive warranty period of five years, the Hartron/Haryana Police will either enter into Annual Maintenance Contract with the supplier for post warranty maintenance of the items. The supplier shall make available all necessary spares (same or equivalent) - without upsetting the compatibility/performance of any part of system, for a period of at least three years after the expiry of the warranty period. This shall be binding on the vendor under the Terms & Conditions of the Purchase Order to be placed on finalization of the evaluation process. This maintenance will be comprehensive i.e. it will

include the cost of all spares and services required for proper functioning of the system at each site. The all inclusive annual cost (after warranty period), will include cost of spares replaced, shall be paid in equal half yearly installments within thirty days on production of satisfactory service certificate from designated authority at the rate quoted in the price schedule for the concerned year and on receipt of Bank Guarantee valid for one year.

12.22 Cancellation of Order:

- i) In the event of the successful bidder failing duly and properly to fulfill the order or committing breach of any of the terms & conditions of this order or repeatedly supplying goods liable to rejection hereunder or failing, declining, neglecting or delay to comply with any demand or requisition or otherwise not executing the same in accordance with terms of this contract or if the bidder or his agent or servants being guilty of fraud in respect of this contract or any of his partners or representatives found directing, giving, promising or offering any bribes, gratuity, gift loan, perquisite, reward or advantage pecuniary or otherwise to any person in the employment of Government in any way relating to such officers or person or persons, officer or employment or if the bidder or any of his partners become insolvent or apply for relief as insolvent debtor or commence any insolvency proceedings or make any composition with his/their creditors or attempts to do so, then without prejudice to HARTRON's as well as SIT/NIC rights and remedies otherwise, HARTRON on behalf of and in consultation with SIT/NIC shall be entitled to cancellation of order forth with and to blacklist the bidder and may claim back all or part of the money already paid to the bidder.
- ii) If during the currency of execution of order, the successful bidder becomes bankrupt or otherwise insolvent or is likely to become insolvent or bankrupt, HARTRON on behalf of and in consultation with HARYANA POLICE may, at any time, cancel the order by giving written notice to the successful bidder. Notwithstanding the above, such termination will not prejudice or affect any right of action or remedy which has accrued or will accrue thereafter to HARTRON and HARYANA POLICE.

12.23 Consequences of Cancellation of Order:

- i) Upon cancellation of order, the successful bidder shall deliver or cause to be delivered all works carried out for and on account of the indenting department and all data and records required from or on account of the HARTRON/HARYANA POLICE.
- ii) Cancellation of order shall not affect any continuing obligations of the successful bidder under the Contract Agreement, which, either expressly or by necessary implication, are to survive its expiry or termination such as confidentiality obligations of the successful bidder.
- iii) Upon cancellation of order for any reason whatsoever, the successful bidder shall return to the HARTRON/HARYANA POLICE any and all confidential information and any other property of the HARTRON/HARYANA POLICE.
- iv) HARTRON on behalf of and in consultation with HARYANA POLICE may procure services similar to those undelivered, upon such terms and in such manner, as it deems appropriate, at the risk and responsibility of the successful bidder and the successful bidder shall be liable for any additional costs for such services.
- v) The successful bidder shall continue the performance of the order to the extent not terminated.
- vi) Upon cancellation of order for whatsoever, HARTRON on behalf of and in consultation with HARYANA POLICE shall have the right to perform the following penalties:-
 - a) Forfeiture of earnest money
 - b) Imposition of liquidated damage.
 - c) Black listing of the successful bidder.

12.24 Arbitration: If any question, difference or objection whatsoever shall arise, in any way connected with or arising out of this contract or the meaning or operation of any part thereof or the rights, duties or liabilities or either party than save in so far as the decision of any such matter is here in before provided for and has been so decided every such matter including whether its decision has been otherwise provided for and/or whether it has been finally decided accordingly in whether the contract should be terminated or has been rightly terminated in whole or part and as regards the rights and obligations of the parties as the result of such termination, shall be referred for arbitration to the HARTRON/SIT/NIC or any other

officer/official appointed by him and his decision shall be final and binding and where the matter involves a claim of the amount if any awarded in such arbitration shall be recoverable in respect of the matters so referred. All disputes will be settled within the jurisdiction of Chandigarh.

- 12.25 **Installation Process:** The supplier shall furnish complete, well-fabricated and reliably operating and secure centralized systems as described in this document. Design and selection of equipment shall be consistent with the requirements of long-term trouble free operation with highest degree of reliability and maintainability. All equipment shall be constructed to operate safely without undue heating, vibration, wear, corrosion, electromagnetic interference or similar problems and all software shall be proven, tested and reliable.
- 12.26 **Training:** The vendor shall provide adequate / operational & configuration training to the purchaser designed person on the supplier items and other related accessories to end user department. Training shall be commenced immediately after installation & commissioning and the bidder must produce training certificate in writing before releasing of payment.
- 12.27 **Right to Use Defective Equipment:** - If after delivery, acceptance and installation and within the guarantee and warranty period, the operation or use of the equipment proves to be unsatisfactory, the Purchaser shall have the right to continue to operate or use such equipment until rectification of defects, errors or omissions by repair or by partial or complete replacement is made without interfering with the Purchaser's operation.
- 12.28 **Systems Manuals and Licensed Software:** - The Supplier shall provide complete and legal documentation of hardware, all subsystems, system software and the other software, if any. The Supplier shall also provide licensed software, if any for all software products, whether developed by it or acquired from others. The supplier shall also indemnify the purchaser against any levies/penalties on account of any default in this regard.
- 12.29 **Billing:** - The bill shall be raised in the name of DGP, HARYANA POLICE or as per purchase order and the payment shall be released by HARTRON after the verification of the materials.
- 12.30 **Upgradability of Solution:** Technical and Purchase Committee have right to change the specifications of solution before opening of the commercial offers for the betterment for project. In case the specifications are changed then the bidders will have the right to submit the revised offer.
- 12.31 **Revised Commercial Bid:** If the Purchaser considers necessary, it may ask for revised commercial bids from the technically qualified bidders. The revised bids in sealed envelopes shall be submitted within a specified time of intimation to this effect. The revised bids shall not be for amounts more than the one quoted earlier for an item by the respective bidder, unless the specifications are for higher configuration. Any bidder quoting higher rates in their revised commercial bid for the same item quoted earlier shall be disqualified for further consideration and the bid security may be forfeited.
- 12.32 Inspections and Tests:**
- The Purchaser or its representative shall have the right to inspect and/or to test the items regarding their conformity to the Contract specifications at no extra cost to the Purchaser. The Purchaser shall notify the Supplier in writing in a timely manner, of the identity of any representatives retained for these purposes.
 - Should any inspected or tested items fail to conform to the specifications, the Purchaser may reject them and the Supplier shall either replace the rejected items or make all alterations necessary to meet specification requirements free of cost to the Purchaser.
 - The Supplier will also test any / all equipment after completion of the installation condition to conform to the specifications, functionality of device. If any inspected or tested items fail to conform to the specifications, the Purchaser may reject them and the Supplier shall either replace the rejected items or make all alterations necessary to meet specification requirements free of cost to the Purchaser.

- The Purchaser, their consultant or any other person nominated by the Purchaser, at its option, will conduct the acceptance test. The acceptance will involve trouble-free operations for a month. There shall not be any additional charges for carrying out acceptance test. The Supplier shall maintain necessary log in respect of the results of tests to establish to the entire satisfaction of the Purchaser, the successful completion of the test specified. An average uptime efficiency of 99.50% for the duration of test period shall be considered as satisfactory.
- In the event of the equipment and/or software failing to pass the acceptance test, a period not exceeding two weeks will be given to rectify the defects and clear the acceptance test, failing which the Purchaser reserves the rights to get the equipment replaced by the Supplier at no extra cost to the Purchaser.
- Successful conduct and conclusion of the acceptance tests for the installed items and equipment shall also be the sole responsibility and at the cost of the Supplier.

12.33 Applicable Law

- The supplier shall be governed by the laws and procedures established by Govt. of India, within the framework of applicable legislation and enactment made from time to time concerning such commercial dealings/processing.
- All disputes in this connection shall be settled in Chandigarh jurisdiction.
- Hartron/HARYANA POLICE reserves the right to cancel this tender or modify the requirement, at any stage of Tender process cycle.
- Hartron/HARYANA POLICE also reserves the right to modify/relax any of the terms & conditions of the tender by declaring / publishing such amendments in a manner that all prospective vendors / parties to be kept informed about it.
- Hartron/HPPC in view of projects requirement may reject any tender(s), in which any prescribed condition(s) is/are found incomplete in any respect and at any processing state.
- The vendor should provide with every System manual and related User manual, irrespective of the fact that more than one system may be meant for any location.

12.34 **Supplier Integrity:** The Supplier is responsible for and obliged to conduct all contracted activities in accordance with the Contract using state-of-the-art methods and economic principles and exercising all means available to achieve the performance specified in the Contract.

12.35 Acceptance Testing Process:

- The systems must be supplied in full as per ordered configuration for acceptance.
- No system with short supply or alternate product with different technical specifications shall be taken up for conduct of acceptance testing under any circumstances.
- The acceptance tests will include running of the evaluation test as conducted during technical evaluation of the items quoted by vendor. The systems must give same performance results as shown during initial Technical Evaluation tests.
- The offered systems, in addition to meeting the evaluation tests, should also contain the same subsystems (Brand/Manufacturer) as were given at the time of initial evaluation tests.
- Failure to fulfill any of the aforementioned conditions will entail cancellation of the Purchase Order along with forfeiture of the EMD/Security Deposit. Further, HARTRON/Haryana Police can procure same items from alternate sources at the risk and cost of the defaulting vendor.
- No acceptance testing will be undertaken by HARTRON and Haryana Police unless the Technical Verification Data Sheet (TVDS) concerned with offered products, is provided to HARTRON/Haryana Police, at least 15-Days in advance prior to date from which the actual acceptance testing is to start/or days specified by HARTRON/HARYANA POLICE.
- During empanelment period, on subassembly level if any item's specifications / model changes & becomes non available due to obsolescence/ upgradation of technology, vendor within already approved cost may offer the item with equivalent or having better features in terms of performance and specifications. The item(s) so offered will be evaluated at Haryana Police /any other site as decided by Haryana Police for its acceptance.
- The schedule for conduct of acceptance testing dates shall be provided along with comprehensive material details by vendors within 15 working days from the date of purchase order to the Testing Division, mentioned in the purchase order, so that all the related documentation work by Haryana Police could be completed and tested supplies are handed

over to vendors for ensuring the delivery and installation within the stipulated time frame as per purchase order.

- The testing of items must be generally completed as specified in the purchase order before the delivery date as per purchase order.
- Normally, testing and acceptance of the Systems will be done at the Factory premises/Testing Lab., or at Haryana Police or any other premises in India or abroad suggested by Vendor where it will be tested as per ordered specifications where representatives from vendor and Haryana Police will be present. The testing location/premises must be suitable/ agreeable to Haryana Police. The testing premises must fulfill the normal working IT office environment conditions.
- MD, HARTRON in consultation with Haryana Police reserves the right to reject any item, if found unsuitable and /or not conforming to the approved specifications. The rejected items, if any, shall have to be taken back and replaced by good items forthwith at the cost of the vendor. No payment will be made for rejected items.
- The items which are accepted after testing should be sealed inside carton under the joint signatures of the representative(s) of Haryana Police and vendor's representative and then sent along with the packing list giving serial numbers and part numbers of all possible Items and copy of the acceptance test report to the specific location or Technical Store at Haryana Police. The top cover of the carton must have a label carrying the complete Haryana Police Purchase Order Number, vendor's bill number and Delivery location.
- A sticker mentioning the Service Support Call Centre Number of the vendor should be pasted on each system.

12.36 OEM Service Support: The bidders have to submit OEM support certificate with technical bid for the period of next 5 years. List of OEM support centers in India along with address should also be submitted.

12.37 Service Information Cards: Service Information Cards with details (Address of Service Center with nearest place to installation, phone no., engineer name etc.) be provided along with equipments for proper working. A detailed list of such components / equipment shall be submitted to the HARTRON.

The vendor shall mark the newly installed equipment / components by a distinct color code and year of installation & year of expiry of OEM warranty shall be mentioned on each equipment. A detailed list of such components / equipment shall be submitted to the HARTRON.

12.38 Miscellaneous:

- It will be imperative on each bidder to fully acquaint itself of all the local conditions and factors that would have effect on the performance of the work and its cost.
- In the event, the bidder's company or concerned division of the company is taken over/bought over by another company, all the obligations under the agreement with the Purchaser shall be passed on to the new company/division for compliance by the new company.
- If the name of the product is changed for describing substantially the same product in a renamed form, then all techno-financial benefits agreed with respect to the original product shall be passed on to the Purchaser and the obligations of the bidder towards the Purchaser in respect to the product with old name shall be passed on to the product so renamed.
- During the validity of this bid or during the extended period, if any, if the bidder sells any system or sub-system of the same or equivalent configuration to any other Department/Organization in India at a price lower than the price fixed for the Purchaser, the bidder shall automatically pass on the benefits to the Purchaser.
- Bidder shall certify that they have no dispute with any previous purchaser & if some such dispute is pending, the details thereof be furnished.
- In case any bidder wishes to propose higher specifications of Hardware / System software, additional price along with details may be mentioned separately in Technical as well as commercial Bids with proper justifications. However, final decision will be taken by Joint Technical Committee of HARTRON/SIT/NIC for the additional higher specifications beyond the scope of this RFP.
- In the event, the bidder's company or concerned division of the company is taken over/bought over by another company, all the obligations under the agreement with the Purchaser shall be passed on to the new company/division for compliance by the new company.

- It will be imperative on each bidder to fully acquaint itself of all the local conditions and factors that would have effect on the performance of the work and its cost.
- If the Supplier, having been notified, fails to remedy the defect(s), within a reasonable period, the Purchaser may proceed to take such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract.
- Any undesirable changes made in formats & annexure mentioned in the bid will result in rejection of such bids.
- Canvassing in any form shall be liable for disqualification.

Format to respond the tender**FORMAT-1
Pre-Qualification cum Technical bid**

(To be submitted on the Letter head of the bidder)

To,
Managing Director
Haryana State Electronics Development Corporation Limited (HARTRON)
SCO 111-113 Sector 17 B, Chandigarh. 160017

Dear Sir,

Tender ID: e-Tender/Hartron/Infra/2016-17/01

Sub: **Supply, Installation, Configuration, Testing & Commissioning of RF Connectivity for Linking of 6 nos Haryana Police Sites/Station on Haryana SWAN.**

- 1) Having examined the Tender document, I/We [name of the bidder (s)], the undersigned, herewith submit our response to your Tender Notification dated _____ for selection of vendor for the rate contract of supply installation and commissioning of items _____ in full conformity with the said tender document no _____.
- 2) I/We have read the provisions of the Tender document and confirm that these are acceptable to us. Hence, we are hereby submitting our Bid.
- 3) I/We agree to abide by this Tender, consisting of this letter, financial bid and all attachments, for a period of 90 days from the closing date fixed for submission of bid as stipulated in the Tender document.
- 4) I/We undertake that, in competing for (and, if the award is made to us, in executing) the above contract, we will strictly observe the laws against fraud and corruption, in force in India.
- 5) I/We understand that Hartron/Department is not bound to accept/annul any bid received in response to this Tender.
- 6) In case I/We are engaged by Hartron/Department as service provider, I/We shall provide all assistance/cooperation required by Hartron/ Department appointed auditing agencies officials for performing their auditing and inspection functions. I/We understand that our non-cooperation for the same shall be grounds for termination of service.
- 7) In case I/We are engaged as a vendor, we agree to abide by all the terms & conditions of the Contract and Guidelines issued by Hartron/Department from time to time.
- 8) I/ We have submitted requisite fee and EMD as per procedure laid in the Tender. All other required documents (details given in summary table below) as per the stated Qualification Criteria
- 9) Our Entity's profile is as under:-

S#	Required details	Remarks
1.	Legal Name of Entity	
2.	Type of Business	<input type="checkbox"/> Corporation <input type="checkbox"/> Individual <input type="checkbox"/> Sole Proprietorship <input type="checkbox"/> Joint Venture <input type="checkbox"/> Partnership <input type="checkbox"/> Limited Liability Partnership <input type="checkbox"/> Other
3.	Company Identification No. (CIN)	
4.	Business Address: City District State Zip code Telephone Nos.:	

	Contact email:	
5.	Registered Address of the Company: Address: City District State Zip code Contact Person: Telephone Nos.: Contact email: Company Website URL	
6.	PAN No. of bidder TAN No. of bidder VAT or CST of bidder	
7.	Has the firm transacted business under any other previous names? If yes, under which name business transacted	<input type="checkbox"/> Yes <input type="checkbox"/> No
8.	Ownership of the Company/Firm: <ul style="list-style-type: none"> • Whether Company owned or controlled by parent Company? • If yes, complete the following: Legal name of the parent company Full address of parent company Street City District State Zip/Pin 	<input type="checkbox"/> Yes <input type="checkbox"/> No
9.	Relationship with the parent company	<input type="checkbox"/> Subsidiary <input type="checkbox"/> Division
10.	Date of ownership	
11.	Shareholding pattern of Parent Company:	
	<ul style="list-style-type: none"> • Percentage of shares held by the parent company • Other majority shareholders in the Indian Company 	
	<ul style="list-style-type: none"> • Details of Board of Directors 	
12.	Name of Bid and Contract Signing Authority – I Name Designation Contact No. Email: Power Of Attorney or resolution of Board of Directors through which authorized as signatory Authority – II Name Designation Contact No. Email: Power Of Attorney or resolution of Board of Directors through which authorized as signatory	
13.	<ul style="list-style-type: none"> • Memorandum of Association and Articles of Association of the company • Bye Laws and certificates of registration (in case of registered firm) 	
14.	Whether MOA of Bidding Company allows entering into the bid of respective services? If yes, indicate	

	the relevant clause.	
--	----------------------	--

Our Entity's Financial Details is give as under:-

1.	Authorized Capital of the Indian Company	
2.	Paid up Capital of the Company	
3.	Turnover of the Indian company for last three years	
4.	Net worth of the Indian company for last three years	
5.	Profit of the Indian company for last three years	
6.	Customer references	
7.	Past 1-3 year supply record	
8.	Quality certificates received, if any	
9.	Customer approval letters if any	
10.	Awards and recognition received , if any	
11.	After sales support mechanism	

Our entity's Legal Details

1.	In the past five years prior to the date of this application, has this entity or any principal of the entity has been deemed to be in default on any contract, or been forcefully terminated from any contract? If yes, state the names of the entity, relationship to firm and the circumstances. (Submit affidavit)	<input type="checkbox"/> Yes <input type="checkbox"/> No.
2.	Whether an undertaking (Affidavit) submitted that the bidder has not been blacklisted/debarred by any central/state Government department/organization	<input type="checkbox"/> Yes <input type="checkbox"/> No
3.	Whether an undertaking submitted to the effect that there has been no litigation with any Government department/organization on account of similar services	<input type="checkbox"/> Yes <input type="checkbox"/> No
4.	Whether the entity has undergone legal proceedings in the past three years. If yes, Submit details	<input type="checkbox"/> Yes <input type="checkbox"/> No

Technical part

I/We hereby tender for the _____ and provision of services during the warranty period, as per the specifications given in this tender document within the time specified and in accordance with the specifications and instructions.

The Details of the offered items are as under:

S#	Item	Quantity	Offered Make	Offered Model	Part Code Details

We also insure that following documents are submitted by us

1. Technical Compliance from SI on their Letterhead
2. Technical Compliance from OEM on their Letterhead
3. Details of offered Make, Model & Part Code from OEM on their Letterhead
4. Details of offered Service Support Pack & Level-2 Service Support confirmation from OEM on their Letterhead.

Yours Sincerely,

Authorized Signatory (ies)[In full and initials]: _____

Name and Title of Signatory (ies): _____

Name of Bidding Company/Firm: _____

Address: _____ (Affix the Official Seal of the Bidding Company)

FORMAT-2**Commercial Bid Format**

To,

Managing Director
Haryana State Electronics Development Corporation Limited (HARTRON)
SCO 111-113 Sector 17 B, Chandigarh. 160017

I/We hereby tender for the _____ and provision of services during the warranty period, as per the specifications given in this Tender document within the time specified and in accordance with the specifications and instructions. Mentioned below are the rates quoted in the prescribed format are FOR destination inclusive of all taxes:

S#	Description	Qty	UOM	Unit Price	Service Tax	Total	CAMC for 6 th , 7 th & 8 th Year
1	5.8 GHz, Base Unit / Remote Radio that Outdoor Unit (ODU) with integrated/External antenna, Ethernet Surge Suppressor and mounting hardware , (For Long distance Link, more than 7 KMs)	2	Link (Pair)				
2	5.8 GHz, Base Unit / Remote Bridge that includes: Outdoor Unit (ODU) with integrated/External antenna, Ethernet Surge Suppressor and mounting hardware. (For Short distance Link, up to 7 KMs)	4	Link (Pair)				
3	3 Leg Self Support Tower with Led Aviation light, power cable, lightning arrester, paint on each section.	300	Mtr				
4	Ground/ Rooftop foundation of Self Support Tower including civil material, Chemical Earthing with less than 3 Ohms Resistance	11	No.				
5	CAT6 Outdoor Cable with Conduit	1,080	Mtr				
6	6U Wall Mount Rack with Acc.	11	No.				
7	1KVA Offline Line Interactive UPS System with 2 nos. 2x12Vx7AH = 168VAH or Higher Batteries. Onsite warranty, service & support 5 years including batteries. Complete set of batteries shall be replaced after 3 years irrespective of performance. The UPS should be compatible with Genset.	11	No.				
8	Installation of above material	1	No.				

The bid found in any other currency shall be summarily rejected.

No upward revision shall be allowed in the case of any fluctuation in the foreign currency

1. We do hereby undertake that in the event of acceptance of our bid, the Supply, installation and commissioning of the equipment as mentioned in the tender shall be completed within 90 days from the date of placement of the order unless otherwise specified in the purchase order at the designated site.

2. Terms of Delivery: The landed prices quoted are inclusive of current Excise Duty, Freight, Insurance, Sales Tax, etc.
3. We agree to abide by our offer for a period of 90 days from the date fixed for opening of the "Pre-Qualification cum Technical bids" and that we shall remain bound by a communication of acceptance within that time.
4. We hereby certify that we have read and understood the terms & conditions applicable to the bidder and we do hereby undertake to supply as per these terms & conditions.
5. A company and the person signing the bid/offer is the constituted attorney.
NOTE: Delete whatever is not applicable. All corrections/deletions should invariably be duly attested by the person authorized to sign the bid/offer document.
6. We do hereby undertake that until a formal Contract is prepared and executed, this bid, together with your written acceptance thereof and placement of letter of intent awarding the Contract shall constitute a binding Contract between us
7. The arrangement/option/quantity may increase or decrease.
8. The quantity of all active & passive components mentioned in offered bill of material is tentative and may vary as per site requirement.

Yours Sincerely,

Authorized Signatory (ies)[In full and initials]: _____

Name and Title of Signatory (ies): _____

Name of Bidding Company/Firm: _____

Address: _____

(Affix the Official Seal of the Bidding Company)

Annexure-I

Bidding Document Acknowledgement Form (To be enclosed with technical bid)

To,
Managing Director
Haryana State Electronics Development Corporation Limited (HARTRON)
SCO 111-113 Sector 17 B,
Chandigarh. 160017

Tender ID: e-Tender/Hartron/Infra/2016-17/01

I/We hereby acknowledge we have downloaded a complete set of Bidding Document enclosed to the "Invitation for Bid" pertaining to tender Notification dated _____ along with corrigendum, if any, for the selection of vendor for E-Tender for Supply, Installation, Configuration, Testing & Commissioning of RF Connectivity for Linking of 6 nos Haryana Police Sites/Station on Haryana SWAN.

I/We have noted that the closing date for receipt of this tender document by Hartron is _____ at 2:30 PM.

I/We guarantee that the contents of the above said Bidding Documents will be kept confidential within our organization and text of the said documents shall remain the property of Hartron and that the said documents are to be used only for the purpose intended by Hartron.

Authorized Signatory (ies)[In full and initials]: _____
Name and Title of Signatory (ies): _____
Name of Bidding Company/Firm: _____
Address: _____ *(Affix the Official Seal of the Bidding Company)*

Annexure 2

AFFIDAVIT

Self-Declaration on not being blacklisted

(To be enclosed with Technical bid)

Date: _____

From

To

The Managing Director,
Haryana State Electronics Development Corporation
SCO: 109-110, Sector 17B Chandigarh

I, _____ son of Sh. _____ resident
of _____ do hereby solemnly affirm and
declare as under:-

That we M/s _____ hereby confirm that
we M/s _____ has not been blacklisted by any
State Government/ Central Government/ Public Sector Undertakings during the last three years and
further confirm that our EMD/SD/Performance bank guarantee has not been forfeited by any State
Government / Central Government / Public Sector Undertakings during the last three years due to our
non-performance, non-compliance with the tender conditions etc.

That we M/s _____ hereby declare that
all the particulars furnished by us in this Tender are true to the best of my/our knowledge and I/We
understand and accept that if at any stage, the information furnished is found to be incorrect or false,
I/We am/ are liable for disqualification from this tender and also are liable for any penal action that
may arise due to the above.

That we M/s _____ certify that no
refurbished components are used in the manufacturing and supply of Quoted Items and its related
accessories / tendered items.

That in case of violation of any of the conditions above, We M/s _____ understand
that We M/s _____ are liable to be blacklisted by Hartron for a period of three years
from participating any tender published by Haryana Government.

DEPONENT

Verification:

Verified that the contents of the above affidavit of mine are true and correct to the best of my
knowledge and nothing has been concealed therein.

DEPONENT

Annexure 3

Statutory Undertaking

(To be enclosed with Technical bid)

Date: _____

Managing Director
Haryana State Electronics Development Corporation Limited (HARTRON)
SCO 111-113 Sector 17 B, Chandigarh. 160017

I/We (Name of the Bidder) having registered office at (Address of the registered office) and local office at (Address of the local office), hereby declare and confirm that-

- 1) The contents of the Tender have been carefully gone through and we undertake to fully comply with the terms & conditions specified in the tender document including addendum, if any thereof.
- 2) I/We are not engaged into litigation as of date with any Government Department/ PSU/ Autonomous body on account of similar services for indulging in corrupt or fraudulent practices. We also confirm that we are not determined non-performing by any of the entities specified above.
- 3) Neither the Bidder nor any of its Directors are the subject of criminal or civil proceedings that could be expected to adversely affect its business or its ability to Bid in the present tender.
- 4) We understand that the technical Bid, if found incomplete in any respect and/or if found with conditional compliance or not accompanied with the requisite Bid Security/ Earnest Money Deposit, shall be summarily rejected.
- 5) We understand that if at any time, any averments made or information furnished as part of this Bid is found incorrect, then its Bid and the contract if awarded on the basis of such Bid shall be cancelled.
- 6) We offer to execute the work in accordance with the Terms of Reference and Conditions of Contract of this Tender.
- 7) The information provided in the technical proposal (including the attachments) is true, accurate and complete to the best of my knowledge & belief.

Authorized Signatory (ies)[In full and initials]: _____

Name and Title of Signatory (ies): _____

Name of Bidding Company/Firm: _____

Address: _____ (Affix the Official Seal of the Bidding Company)

Annexure 4

Technical Compliance

(To be enclosed with Technical bid)

Date: _____

Managing Director
Haryana State Electronics Development Corporation Limited (HARTRON)
SCO 111-113 Sector 17 B, Chandigarh. 160017

I/We (Name of the Bidder) having registered office at (Address of the registered office) and local office at (Address of the local office), hereby declare and confirm that the specifications of the items offered match/exceed the ones quantified as minimum requirements in the Tender document.

As per specifications mentioned in tender document from OEM & SI.

Yours faithfully,

Authorized Signatory (ies)[In full and initials]: _____

Name and Title of Signatory (ies): _____

Name of Bidding Company/Firm: _____

Address: _____

(Affix the Official Seal of the Bidding Company)

Annexure 5

Certificate of Dealership/Authorization Letter/Warranty

(To be provided by the OEMs of devices as mentioned in this tender document on their Letterhead) to be enclosed with Technical bid

Date: _____

From

To

Managing Director,
HARTRON, SCO-111-113,
Sector 17-B, Chandigarh

Ref.: Tender No. _____

This is to certify that I/We am/are the Original Equipment Manufacturer in respect of the products listed below. I/We confirm that

- <Name of Bidder> have due authorization from us to provide product(s) listed below and related services of warranty, support, licensing and maintenance.
- We endorse the warranty, support and licensing terms provided/supplied by <Bidder> through us as per the requirement of this tender.
- We further undertake that we as an OEM of the below mentioned equipment will discharge all warranty & support responsibilities during the warranty period directly or through any service provider/SI on the cost of prime bidder/SI for the period indicated in the contract, in case the bidder fails to do the same for any reason.
- We also certify that the below mentioned product being supplied by the <Bidder> meets the minimum specifications given in the tender document.
- Compute BoM with offered service support pack is attached as Annexure.
- Technical Compliance is attached as Annexure
- Spare Parts Warehouse in Delhi-NCR/Tri-City/Haryana is attached as Annexure.
- List of support centers in India is attached as Annexure.
- The authorization will remain valid till <Date of renewal of dealership>

Sr. No.	Product Name
1	<Fill Product name and Model number >
2	...

Thanking You,

Yours faithfully,

Authorized Signatory (ies)[In full and initials]: _____

Name and Title of Signatory (ies): _____

Name of Bidding Company/Firm: _____

Address: _____ (Affix the Official Seal of the Bidding Company)

Note: The nomenclature of the language of the MAF should not be changed.

Annexure 6

Undertaking for honoring warranty

Authorized Undertaking from the Bidder to be enclosed with Technical bid
(Letter on the Bidder letterhead)

Date: _____

Managing Director
Haryana State Electronics Development Corporation Limited (HARTRON)
SCO 111-113 Sector 17 B, Chandigarh. 160017

Sub: Undertaking for honoring warranty for the period indicated in the contract

This bears reference to our quotation Ref. _____ Dated _____

We warrant that,

- 1) All Products supplied by us shall be brand new (purchased within 2 months of the date of supply), free from all defects and faults in material, workmanship and manufacture. They shall be of the highest grade and quality and shall be consistent with the established industry standards.
- 2) We shall provide the documentary proof for warranty and proof of purchase at the time of deployment of infrastructure
- 3) None of the components and sub-components are declared "End-of-sale/support" by the respective OEM in next five (5) years as on date of submission of Bid.
- 4) If the infrastructure supplied by us is not-supported by the OEM during the period of contract for any reason, we will replace the product with a suitable higher alternate for which support is provided by the OEM at no additional cost to Hartron/Indenting department and without impacting the performance or timelines of this engagement
- 5) We would provide on-site maintenance of the installed system for a period of five (5) years from the date of commissioning of the system within the price quoted by us in the Commercial Bid.

Yours faithfully,

Authorized Signatory (ies)[In full and initials]: _____

Name and Title of Signatory (ies): _____

Name of Bidding Company/Firm: _____

Address: _____ (Affix the Official Seal of the Bidding Company)

Annexure - 7

(To be enclosed with Technical bid)

AFTER SALES SERVICE CERTIFICATE

Dated:-

Managing Director
Haryana State Electronics Development Corporation Limited (HARTRON)
SCO 111-113 Sector 17 B, Chandigarh. 160017

Whereas, we M/s (Bidder Name) are established & reputable manufacturers/authorized dealer for sales & services of (Make of items) of [items name] having service offices at NCR/Chandigarh. Details are as under:

Sr.No.	Address of Service Centre	Phone No.	Number of Engineers
--------	---------------------------	-----------	---------------------

We do hereby confirm that:

Services including repair/replacement of defective parts will be done by us and fully backed by (name of the OEM). Replacement of defective Systems/parts will be done by equivalent or better systems/parts of the same make. We will attend all the complaints/service calls within 4 hours including holiday. Down time will not exceed beyond 4 hours. In case, down time exceeds 4 hours then we will extend the warranty period of that item(s) double of the down time or liable to pay the penalty as per tender terms mentioned in the tender document.

Authorized Signatory (ies)[In full and initials]: _____

Name and Title of Signatory (ies): _____

Name of Bidding Company/Firm: _____

Address: _____ *(Affix the Official Seal of the Bidding Company)*

Annexure 8

UNDERTAKING OF RATES
(To be enclosed with Pre-Qualification cum Technical bid)
(Letter on the bidder letterhead)

Dated:-

Managing Director
Haryana State Electronics Development Corporation Limited (HARTRON)
SCO 111-113 Sector 17 B,
Chandigarh. 160017

We M/s _____ do hereby confirm that:

The rates quoted against this offer are lowest possible and as on date we have not quoted less rates to any other customer than the rates quoted herein. In spite of this, it is proved at any stage that they or their principal have offered lower rates to any one than the rates offered to HARTRON directly or through their any authorised dealer/distributor for similar quantity, terms and period (i.e. within three months from the date of purchase order), their firm is liable to pay the difference in price to HARTRON.

Authorized Signatory (ies)[In full and initials]: _____
Name and Title of Signatory (ies): _____
Name of Bidding Company/Firm: _____
Address: _____
(Affix the Official Seal of the Bidding Company)

Appendix 1

Request for clarification

Bidders requiring specific points of clarification may communicate with the Hartron through email during the specified period using the following format.

Date: _____

To

Managing Director

Haryana State Electronics Development Corporation Limited (HARTRON)

SCO 111-113 Sector 17 B, Chandigarh. 160017

BIDDER'S REQUEST FOR CLARIFICATION			
<<Name of Bidder submitting query / request for clarification>>			
<<Full formal address of the Bidder>>			Tel:
			Fax:
			Email:
S. No	Tender Reference (Section No. / Page No.)	Content of Tender requiring clarification	Points of clarification required
1			
2			
3			
4			
5			
6			

Authorized Signatory (ies)[In full and initials]: _____

Name and Title of Signatory (ies): _____

Name of Bidding Company/Firm: _____

Address: _____ (Affix the Official Seal of the Company)

Appendix 2

Post-Delivery Inspection Report and Acceptance Sign-Off (Draft Format)

Inspection Report

1.	Ref no: << Tender No>>	:	DATE: XX/XX/XXXX
2.	Name of the indenter/Consignee with detailed address	:	<<To be filled by Bidder>>
3.	Supply order No.	:	<<To be filled by Bidder>>
4.	Name and Address of the Bidder	:	<<To be filled by Bidder>>
5.	Serial No., Month & Year of Manufacturing of item	:	<<To be filled by Bidder>>
Inspection Parameters:		Compliance (Yes/No)	
1	Any physical damage.		
2	Complete Package of each item		
3	Devices operational after being connected to a power source		
4	User Manuals comprising of specifications and operational instructions		
5	Do's and Don'ts instructions		
6	Warranty card containing- <ul style="list-style-type: none"> Name, address and contact numbers of the Service Centre(s). Beneficiary name, address and date of issue. 		
7	Quality certificate from OEM has been provided		
Package Accepted			
Remarks:			
Name, designation, contact number of the nodal person from concerned location present during inspection:			

Signature of successful Bidder's Representative	Signature of Officer deputed by Hartron/Department
Name:	Name:
Contact No.:	Contact No.
Date	Date
	Location (Name of the office with Address)

CONTRACT FORM

THIS AGREEMENT made on the _____ day of _____, 2016 _____ between _____ (*Name of purchaser*) of _____ (*Country of Purchaser*) hereinafter "the Purchaser" of the one part and _____ (*Name of Supplier*) of _____ (*City and Country of Supplier*) hereinafter called "the Supplier" of the other part:

WHEREAS the Purchaser is desirous that certain Goods and ancillary services viz.,

_____ (*Brief Description of Goods and Services*) and has accepted a bid by the Supplier for the supply of those goods and services in the sum of _____ (*Contract Price in Words and Figures*) hereinafter called "the Contract Price in Words and Figures" hereinafter called "the Contract Price."

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.
2. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz. :
 - 2.1 the Bid Form and the Price Schedule submitted by the Bidder;
 - 2.2 terms and conditions of the bid
 - 2.3 the Purchaser's Notification of Award
3. In consideration of the payments to be made by the Purchaser to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Purchaser to provide the goods and services and to remedy defects therein in conformity in all respects with the provisions of the Contract.
4. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the goods and services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.
5. Particulars of the goods and services which shall be supplied / provided by the Supplier are as enlisted in the enclosed annexure :

TOTAL VALUE:

DELIVERY SCHEDULE:

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with their respective laws the day and year first above written.

Signed, Sealed and Delivered by the
Said _____ (For the Purchaser)
in the presence of _____

Signed, Sealed and Delivered by the
said _____ (For the Supplier)
in the presence of _____

Performance Bank Guarantee

(To be stamped in accordance with Stamp Act)

Ref:

Bank Guarantee No.

Date:

To

Name and Address of the Purchaser/Indenter

Dear Sir,

In consideration of <<Name and Address of the Purchaser/Indenter>> (hereinafter referred to as the OWNER/PURCHASER which expression shall unless repugnant to the context or meaning thereof include successors, administrators and assigns) having awarded to M/s. having Principal Office at (Hereinafter referred to as the "SELLER" which expression shall unless repugnant to the context or meaning thereof include their respective successors, administrators, executors and assigns) the supply of _____ by issue of Purchase Order No..... Dated issued by <<Department Name>> for and on behalf of the OWNER/PURCHASER and the same having been accepted by the SELLER resulting into CONTRACT for supplies of materials/equipments as mentioned in the said purchase order and the SELLER having agreed to provide a Contract Performance and Warranty Guarantee for faithful performance of the aforementioned contract and warranty quality to the OWNER/PURCHASER, _____ having Head Office at (hereinafter referred to as the 'Bank' which expressly shall, unless repugnant to the context or meaning thereof include successors, administrators, executors and assigns) do hereby guarantee to undertake to pay the sum of Rs. _____ (Rupees _____) to the OWNER/PURCHASER on demand at any time up to _____ without a reference to the SELLER. Any such demand made by the OWNER/PURCHASER on the Bank shall be conclusive and binding notwithstanding any difference between Tribunals, Arbitrator or any other authority.

The Bank undertakes not to revoke this guarantee during its currency without previous consent of the OWNER/PURCHASER and further agrees that the guarantee herein contained shall continue to be enforceable till the OWNER/PURCHASER discharges this guarantee. OWNER/PURCHASER shall have the fullest liberty without affecting in any way the liability of the Bank under this guarantee from time to time to extend the time for performance by the SELLER of the aforementioned CONTRACT. The OWNER/ PURCHASER shall have the fullest liberty, without affecting this guarantee, to postpone from time to time the exercise of any powers vested in them or of any right which they might have against the SELLER, and to exercise the same at any time in any manner, and either to enforce to forebear to enforce any covenants contained or implied, in the aforementioned CONTRACT between the OWNER/PURCHASER and the SELLER or any other course of or remedy or security available to the OWNER/PURCHASER.

The Bank shall not be released of its obligations under these presents by any exercise by the OWNER/PURCHAER of its liability with reference to the matters aforesaid or any of them or by reason or any other acts of omission or commission on the part of the OWNER/PURCHASER or any other indulgence shown by the OWNER/PURCHASER or by any other matter or things. The Bank also agree that the OWNER/PUCHASER at its option shall be entitled to enforce this Guarantee against the Bank as a Principal Debtor, in the first instance without proceeding against the SELLER and not withstanding

any security or other guarantee that the OWNER/PURCHASER may have in relation to the SELLER's liabilities.

Notwithstanding anything contained herein above our liability under this Guarantee is restricted to Rs. _____ (Rupees _____) and it shall remain in force up to and including _____ and shall be extended from time to time for such period as may be desired by the SELLER on whose behalf this guarantee has been given.

Dated at _____ on this _____ day of _____ 2016.

Signed and delivered by

For and on Behalf of

Name of the Bank and Branch and
Its official Address

Pre-Bid Queries Format in Excel

All Pre-Bid queries have to be submitted in writing / email at hartroninfra2@gmail.com with a request letter address to Managing Director, HARTRON in the format given below on the letter head of the company.

Tender No: - _____

Firm: - _____

Subject: - _____

Tender Fee Details: - _____ (if tender document already purchased)

S#	Page No.	Part No.	Section No.	Clause / Point No.	Subject	Clarification Sought	Suggestions / Remarks (if any)
1							
2							
3							
4							
5							

No queries will be entertained after this allotted time frame in any format. If Committee feels, suitable corrigendum will be uploaded on the website of HARTRON for the information of all prospective bidders. All the bidders are requested to please check the HARTRON website regularly for details. No separate intimation shall be issued.

Note – A maximum of two representatives from each Participating Organization would be allowed to attend Pre-Bid Meeting

Checklist to be enclosed with Pre-Qualification cum Technical bid

We M/s _____ has enclosed documentary evidence for fulfilling the Eligibility in the Technical Bid and other requirement laid in the tender document.

Check List		
Clause	Documents Required	Document Attached Yes/No
Tender Document cost and eService Fee and should have been submitted.	The non refundable Payment for Tender Document Fee INR 5000/- (Rupees five Thousand Only) and eService Fee Rs. 1000/- (Rupees one thousand only (Non refundable) can be made by eligible bidders / contractors online directly through Debit Cards & Internet Banking Accounts.	
EMD should have been submitted.	The Payment for EMD Rs.25,000/- (Rupees Twenty Five Thousand only) can be made online directly through RTGS / NEFT and the bidder would remit the funds at least T + 1 day (Transaction + One day) in advance to the last day and make the payment via RTGS / NEFT to the beneficiary account number as mentioned in the challan.	
The Bidder must be a company/firm registered under the Indian Companies Act	Valid Registration Certificate	
The Bidder must be original equipment manufacturer (OEM). However, in case as an OEM policy, the OEM is not bidding directly, then their authorized dealer/distributor can participate in the tender. In all the cases, service responsibilities should be with the OEM in addition to the bidder service during the warranty period	manufacturer license in case of OEM Manufacturer authority letter authorizing the bidder (distributor/dealer) as per Annexure 5	

The OEM should be in business in India during last 5 years and offered make should be available in the market from last 5 years in India	The OEM shall provide the Certificate of Incorporation for Registered Companies, Partnership Deed for Partnership Firms/VAT or Service Tax Registration Certificate for Sole Proprietorship Firms.	
The Authorized Bidder of the OEM should be in business of IT/Networking/Electronics/Telecommunication/RF Connectivity during last three years in India	The OEM shall provide the Certificate of Incorporation for Registered Companies.	
The make offered by OEM should be approved from WPC	Self Declaration by the Bidder	
OEM must have warehouse, sales, service staff in India	Valid HR Doc. Required	
OEM/Bidder should have minimum 3 order of RF point to point (PTP) / Point to multipoint (PTMP) Connectivity in which at least 1 order in Govt. Sector (Govt./PSU/Central/State agency) in India.	Copies of three orders Satisfactory/performance certificate to be attached	
The Bidder (other than OEM) should have consolidated turnover of Rs. 02.00 Crore from System Integration (IT/Networking/Electronics/Telecommunication/RF Connectivity) Business in last 3 years	Audited balance sheets	
In case bidder is an authorized dealer/distributor, then turnover of both bidder and OEM will be required	Audited balance sheets	
The Bidder should have all necessary licenses, permissions, consents, NOCs, approvals as required under law for carrying out its business. The Bidder should have currently valid Sales tax/Service Tax Registration Certificate and PAN No	Copies of PAN number, Service tax number, sales tax/VAT number	
The Bidder must have valid Registration No. of Sales Tax/VAT/Service Tax/PAN No. , whichever is applicable.(copy of proof may be enclosed)	Copies of PAN number, Service tax number, sales tax/VAT number	

The Bidder should have their own after sales support facilities in any of the below mentioned places: Panchkula / Chandigarh / Mohali (Tri-City) Delhi NCR (Delhi / Gurgaon / Faridabad) Haryana The support facilities should be fully owned by the Bidder / OEM and managed by their permanent employees (company payroll) and not through franchisee(s)	copies of the landline telephone bills or valid rent agreement as on tender opening date shall be submitted as a proof for availability of the service centers. Self declaration regarding the support facilities fully owned by the Bidder / OEM and managed by their permanent employees (company payroll) and not through franchisee(s)	
Bidder & OEM should not be blacklisted from any Govt./PSU/Central/State agency	Annexure 2	
The average annual turnover of the OEM during last 3 financial years should be min. Rs. 5.00 Crores in India. However, in case the OEM billing is not from India, then the turnover of their importer in India may be considered (Audited balance sheet to be attached)	Audited balance sheets	
FORMAT I	Pre qualification cum Technical Bid	
Annexure 1	Bidding Document Acknowledgement Form	
Annexure 2	Self Declaration on not being blacklisted	
Annexure 3	Statutory Undertaking	
Annexure 4	Technical Compliance	
Annexure 5	Certificate of Dealership/Authorization Letter/Warranty	
Annexure 6	Undertaking for honoring Warranty	
Annexure 7	After sales service certificate	

Yours faithfully,

Authorized Signatory (ies)[In full and initials]: _____

Name and Title of Signatory (ies): _____

Name of Bidding Company/Firm: _____

Address: _____ (Affix the Official Seal of the Bidding Company)