e-Tender Document
For
Supply, Installation and Commissioning of CCTV Surveillance System for TCIL Hqrs.

Tender No: TCIL/15/1443/I/12-MM/25E
Issued on: September 14, 2012

Issued By:
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Telecommunications Consultants India Ltd.
(A Govt. of India Enterprise)
Material Management Division
TCIL Bhawan, Greater Kailash-I
New Delhi – 110048 (India)
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SECTION-1

Tender No.: TCIL/15/1443/I/12-MM/25E

NOTICE INVITING e-TENDER

Electronic tenders are invited from eligible bidders for Supply, Installation and Commissioning of CCTV Surveillance System for TCIL Hqrs.

Submission of Online Bids is mandatory for this Tender. Detailed instructions are given in Section-2 of this Tender Document.

Important Dates

- Date of Posting of NIT on TCIL’s e-Tendering Portal : 14-09-2012
- Date of Training to Bidders (Optional) : 25-09-2012
- Start Date & Time of Procurement of tender documents : 14-09-2012, 10:00 hrs.
- Last date & time of procurement of tender documents : 05-10-2012, 17:00 hrs.
- Last date & time for seeking clarification, if any : 05-10-2012, 18:00 hrs.
- Last date & time for Online submission of Bids : 12-10-2012, 13:00 hrs.
- Online Opening of Technical Part (Part-I) : 12-10-2012, 15:00 hrs.
- Online Opening of Financial Part (Part-II) : To be notified later

Bidders are advised to visit the TCIL’s e-tendering (ETS) portal (https://www.tcil-india-electronictender.com) regularly for updates/amendments, if any.

ELIGIBILITY CRITERIA

1. The Bidder should be OEM or Authorized Dealer/Distributor of the OEM of offered product.

   (Please submit manufacturer’s authorization letter, in original, on the OEM’s letter head duly signed by authorized signatory)

2. Average Annual Financial Turnover during the last 3 years, ending 31st March 2012, should be at least Rs. 6 Lacs. Bidder should submit the Annual Report (Balance Sheet and Profit & Loss Account) for last three years.

3. Experience of having successfully completed similar services during the last 2 years ending 31st August, 2012 should be either of the following:

   i) Two similar services each costing not less than Rs. 10 Lacs each.

   Or

   ii) One similar services costing not less than Rs. 5 Lacs.

Similar services means Supply of CCTV Surveillance System.

Note: Bidder must provide necessary supporting documents as proof in respect of the eligibility criteria mentioned above.
Earnest Money amounting to Rs. 25,000/- (Rs. Twenty Five Thousand only) by Demand Draft in favour of “Telecommunications Consultants India Ltd.” payable at New Delhi or Bank Guarantee in the prescribed format from a Scheduled Bank from its branch at Delhi/New Delhi shall be submitted along with the tender.

Tenders received without EMD/inadequate EMD shall be summarily rejected. The bidder must officially procure/download the tender documents from the ETS portal of TCIL before the last date and time of sale of tender document in order to bid for this tender.

- Please note that this is mandatory even in case the tender document is not priced and that the bidder will in no case be able to participate in the tender without having procured/downloaded the official copy of the tender before the due date and time for the same.

Contact Information:

<table>
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<tr>
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<tr>
<td>TCIL Contact-1</td>
<td>Mr. M.K. Merkap, General Manager (MM)</td>
</tr>
<tr>
<td>TCIL Contact-2</td>
<td>Mr. M.S. Sabharwal, Manager (MM)</td>
</tr>
<tr>
<td>E-Tendering Helpdesk</td>
<td>Telephone: +91-11-26241071, 26241072</td>
</tr>
</tbody>
</table>

The price Offers of only those parties who qualify in the first stage shall be opened at time and date to be notified separately.

INTEGRITY PACT

“This tender is covered under Integrity Pact Programme of TCIL and bidders are required to sign the Integrity Pact Document and submit same to TCIL before or along with the bids”. For further details, the Clause “Integrity Pact Programme” mentioned in the Section-2 of the Tender Document may be seen.

Tender received without signed copy of the Integrity Pact document as instructed in Clause No. 2.27 will be liable to be rejected.

TCIL reserves the right to accept or reject any or all the tenders without assigning any reason.

Group General Manager (MM)

END OF SECTION-1
SECTION-2

Tender No.: TCIL/15/1443/I/12-MM/25E

September 14, 2012

INSTRUCTIONS TO BIDDERS

2.1 INTRODUCTION (DEFINITIONS)

2.1.1 “Purchaser” means Telecommunications Consultants India Ltd. (TCIL), its Head Quarter at New Delhi or any other project/branch offices within or outside India.

2.1.2 “Bidder” means the individual or firm or corporate body who participates in the tender and submits its bid.

2.1.3 “Goods/Products” means all the hardware equipments, instruments, tools, machinery etc., and/or other materials like components/parts/spares including consumables which the supplier is required to supply to the Purchaser under the Purchase Order.

2.1.4 “Letter of Intent (LOI)” means the communication of the intention of the Purchaser to the Bidder to place the Purchase Order for the former’s offered goods/services.

2.1.5 “Purchase/Work Order (PO)” means the order placed by the Purchaser on the Supplier duly signed by the Purchaser’s authorized representative to purchase certain goods & services from the vendor/contractor.

2.1.6 “Contract Price” means considerations payable to the supplier/contractor as stipulated in the Purchase or Work Order for performance of specified contractual obligations.

2.2 BIDDER TO BEAR COST OF PURCHASE OF TENDER

The Bidder shall bear all costs associated with the preparation and submission of the bid. The Purchaser in any case will not be responsible or liable for these costs regardless or the conduct of the bidding process.

2.3 BID DOCUMENTS

2.3.1 Bid Documents includes:-

Section 1 Notice Inviting Tender
Section 2 Instructions to Bidders
Section 3 General (Commercial) Conditions of the Contract
Section 4 Special Conditions of the Contract
Section 5 Schedule of Requirement and Price Bid Schedule
Section 6 Scope of Work, System Requirement & Technical Specifications
Section 7 Format of Bid Bond (EMD)
Section 8 Format of Performance Bank Guarantee (PBG)
Section 9 Bid Submission Form

2.3.2 Any clarification or communications obtained from the Purchaser
2.4 AMENDMENT TO BID DOCUMENTS

2.4.1 At any time, prior to the date of submission of bids, the Purchaser may for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder, modify the bid documents by amendments.

2.4.2 The amendments/Corrigendum will be notified on TCIL Website and these amendments will be binding on them. Bidders are advised to visit TCIL Website regularly for updates on this Tender.

2.5 EXTENSION OF TIME

In order to give prospective bidders required time in which to take the amendments into action in preparing their bid, the Purchaser may at its discretion extend the deadline for submission of bid suitably.

2.6 BID PRICE

Price indicated in the schedule shall be CIF New Delhi. Prices should be inclusive of all taxes and duties including but not limited to Excise Duty, Sales Tax and other taxes, transit insurance, freight and Service Tax etc. However rate of taxes and duties included in the price offer should also be given separately. The prices quoted by the bidder shall remain firm during the entire period of the contract and shall not be subject to variation on any account. The bid submitted with a variation clause (unless asked by the Purchaser) will be treated as non-responsive and rejected.

2.7 BIDDERS ELIGIBILITY AND QUALIFICATIONS

Bidder shall furnish as a part of bid documents establishing the bidder’s eligibility to supply the material. The bidder shall also submit documentary evidence in the form of literature, drawing, data on the goods offered.

2.8 BID SECURITY

2.8.1 The Bidder shall submit, as part of bid security as mentioned in the NIT. The bid security shall be in one of the following forms:-

(a) A Bank Guarantee as per enclosed format issued by a schedule bank in favour Purchaser valid for a period of 150 days from the date of tender opening.

(b) Demand Draft or Pay Order from a Scheduled Bank in favour of M/s Telecommunications Consultants of India Ltd., payable at Delhi.

2.8.2 The bid not secured in accordance with the above shall be rejected by the Purchaser as non-responsive.

2.8.3 The bid security of the unsuccessful bidder will be discharged/ returned as promptly as possible but not later than 30 days after expiry of the bid validity period prescribed by the Purchaser.
2.8.4 The successful bidder’s bid security will be discharged upon the bidder’s submission of the Performance Guarantee.

2.8.5 The bid security may be forfeited under the following circumstances:-

a) If a bidder withdraws his bid during the period of bid validity specified by the bidder on the bid form.

b) In case of a successful bidder, if he fails to submit the Performance Guarantee within the time prescribed or

c) If he fails to supply the material in terms of the project.

2.8.6 No interest is payable on EMD.

2.8.7 In case of inadequacy or non-submission of prescribed EMD, the tender shall be deemed to be disqualified and shall be summarily rejected in the technical evaluation.

2.9 VALIDITY PERIOD OF BID

Bid shall remain valid for 120 days after the date of bid opening. The bid valid for a shorter period shall be rejected by the Purchaser as non-responsive.

In exceptional circumstances, the purchaser may request the consent of the bidder for an extension to the period of bid validity. The bid security provided under clause 2.8.1 (a) shall also be suitably extended. A bidder accepting the request and granting extension will not be permitted to modify his bid.

2.10 Deleted.
2.11 Deleted.
2.12 Deleted.
2.13 Deleted.
2.14 Deleted.

2.15 CLARIFICATION OF BIDS

2.15.1 To assist evaluation and comparison of the bids, the Purchaser may at its discretion may ask the bidder for clarification of the bid. The clarification and response from bidder shall be in writing. To assist evaluation and comparison of the bids, the Purchaser at its discretion may ask the bidder for clarification of the bid. The clarification will be asked online through the ETS portal. The clarification and response from bidder shall also be online through the ETS portal.

2.15.2 The Purchaser does not bind himself to accept the lowest or any tender and reserves to himself the right to accept the whole or any part of the tender and altering the quantities offered and tenderer shall supply the same at the rate quoted.

2.16 EVALUATION OF TENDERS

2.16.1 The Purchaser shall evaluate the bids in respect to the substantive responsiveness of the bid or otherwise. The Purchaser shall carry out detailed evaluation of the substantially responsive bids. The Purchaser shall check the bid to determine whether they are complete, whether any computational errors have been made or required sureties have been furnished.
2.16.2 Arithmetical error shall be rectified on the following basis :-

a) If there is a discrepancy between the unit price and total price that is obtained multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected by the Purchaser.

b) In case of discrepancy between words and figures, the amount in words shall prevail.

2.16.3 A bid determined as substantially non-responsive shall be rejected by the Purchaser.

2.16.4 The Purchaser may waive any minor infirmity or non-conformity or irregularity in the bid which does not constitute a material deviation.

2.16.5 The Purchaser shall evaluate in detail and compare the bids which are substantially responsive.

2.16.6 The evaluation of the ranking shall be carried out on the landed price of goods offered inclusive of all taxes.

2.16.7 The distribution of tendered quantity amongst the technically and commercially complied bidders shall be based on merits of each case.

2.16.8 TCIL shall have the sole discretion in deciding the number of parties on whom the orders shall be finally placed.

2.17 PURCHASER’S RIGHT TO VARY QUANTITIES

2.17.1 The Purchaser reserves the right at the time of award of the contract to increase the quantity of the goods and services specified in the schedule of requirements without any change in unit price of the ordered quantity.

2.17.2 In case of division of order among number of parties. The distribution of quantity will be accordingly done by the Purchaser on an individual tender.

2.18 PURCHASER’S RIGHT TO ACCEPT ANY BID AND TO REJECT ANY OR ALL BIDS

The Purchaser does not bind himself to accept lowest or any other tender/bid and has the right to cancel the bidding process and reject all bids at any time prior to award of the contract without assigning any reasons whatsoever and without thereby incurring any liability to the affected bidder on the grounds for the Purchaser’s action.

2.19 NOTIFICATION OF SUCCESSFUL BIDDER

2.19.1 Prior to the expiration of the bid period, the Purchaser will notify the successful bidder in writing by registered letter or fax, to be confirmed in writing by registered letter that its bid has been accepted.

2.19.2 Upon successful bidder furnishing of Performance Guarantee, the Purchaser will notify each successful bidder and will discharge its bid bond.
2.20 ISSUE OF LETTER OF INTENT

2.20.1 The issue of Letter of Intent shall constitute the intention of the Purchaser to place the Purchase Order with the successful bidder.

2.20.2 The bidder shall within 10 days of issue of Letter of Intent give its acceptance alongwith Performance Guarantee in conformity with the bid documents.

2.21 CANCELLATION OF LETTER OF INTENT

Failure of the successful bidder to comply with the requirement of submission of Performance Guarantee in time shall constitute sufficient ground for the cancellation of the acceptance of bid and forfeiture of the bid bond, in which case Purchaser may make the offer to any other bidder at the discretion of the Purchaser or call for new bids.

2.22 POST BID CLARIFICATIONS

No post bid clarification at the initiative of the bidders shall be entertained and any effort by the bidders to influence the Purchaser in the Purchaser’s bid evaluation, bid comparison or award of the contract shall result in rejection of the bid.

2.23 DELIVERY

Delivery of the goods shall be made by the supplier in accordance with the terms specified by the Purchaser in the Special condition of the contract and goods shall remain at the risk of the supplier until delivery have been completed in full. The Schedule of delivery shall be the essence of the contract.

2.24 SUBMISSION OF BID

Only the following shall be accepted in physical form:

- EMD in the form of Demand Draft/Bank Guarantee

All other documents shall have to be submitted in Electronic/Soft form and shall not be accepted in physical form. For detail instructions please refer to Clause 2.26.

2.25 OPENING OF PRICE OFFER

Price offers of only those bidders whose Techno-Commercial offers are found to be responsive and acceptable to TCIL will qualify to be opened online. The qualified parties shall be notified with the date and time of the opening of the Price Offer in advance. Representative of the qualified parties may attend the Online Price Bid opening.

In case of any conflict in any of the terms mentioned at Section – 4, the same shall prevail over the terms mentioned in other sections.
2.26 INSTRUCTIONS REGARDING ONLINE BID SUBMISSION

2.26.1 Bidding Methodology:

Single-stage Two-Bid System (Technical Part and Financial Part to be submitted at the same time) shall be followed.

2.26.2 Broad outline of activities from Bidders perspective:

i) Procure Digital Signature Certificates (DSC) for users of the organization (if not procured earlier)

ii) Register your organization on Electronic Tendering System® (ETS) Portal of TCIL (https://www.tcil-india-electronictender.com) if not already registered

iii) Create Users and assign roles on ETS

iv) Assign Tender to a department of your organization on ETS

v) Download Official Copy of Tender Documents from ETS

vi) Clarification to Tender Documents on ETS
    – Post query to TCIL (Optional)
    – View response to queries posted by TCIL

vii) Online Bid-Submission on ETS

viii) Attend Online Public Tender Opening Event (TOE) for Techno-Commercial Bid on ETS
    – Opening of Technical-Part

ix) Post-TOE Clarification on ETS (Optional)
    – Respond to TCIL’s Post-TOE technical queries

x) Attend Public Online Tender Opening Event (TOE) for Financial Bid on ETS
    – Opening of Financial-Part
    (Only for Technically Responsive Bidders)

For participating in this tender online, the following instructions are to be read carefully. These instructions are supplemented with more detailed guidelines on the relevant screens of the ETS.

2.26.3 Digital Certificates

For integrity of data and its authenticity/ non-repudiation of electronic records, and to become compliant with IT Act 2000, it is necessary for each user to have a Digital Certificate (DC), also referred to as Digital Signature Certificate (DSC), of Class 2 or above, issued by a Certifying Authority (CA) licensed by Controller of Certifying Authorities (CCA) [refer http://www.cca.gov.in].

2.26.4 Registration

To use the Electronic Tender® portal (https://www.tcil-india-electronictender.com) the Bidder need to register on the portal. Registration of bidders organization is to be done by one of its senior persons who will be the main person coordinating for the e-tendering activities. In ETS terminology, this person will be referred to as the Super User (SU) of that organization. For further details, please visit the website/portal, and click on the ‘Supplier Organization’ link under ‘Registration’ (on the Home Page), and follow further instructions as given on the site. Pay Annual Registration Fee as applicable.
Note: After successful submission of Registration details online and Annual Registration Fee (Rs. 6,000/- + Service Tax @ 12.36%) physically to TCIL, please contact e-Tendering Helpdesk (as given in Section 1), to get your registration accepted/activated. The Annual Registration Fee can be submitted by the following modes:

i) DD in favour of “Telecommunications Consultants India Limited” is to be submitted to Sr. Manager (F&A-IT), TCIL, TCIL Bhawan, 6th Floor, G.K.-I, New Delhi-110048.

Or

ii) Fee Amount can be deposited in TCIL’s Bank Account No. 000705005880 in ICICI Bank, Canaught Place Branch, IFSC Code: ICIC0000007 by electronic transfer and Transaction Details to be emailed to ets_support@tcil-india.com

2.26.5 On-Line Submission

The On Line Submission will have the following activities:

i) Submission of digitally signed copy of Tender Documents/ Addendum
ii) Submission of Acceptance/Rejection of General Terms & Conditions
iii) Submission of Acceptance/Rejection of Special Terms & Conditions
iv) Submission of particulars of EMD
v) Submission of Technical Part as under:
   - Submission of Electronic Form (Mandatory)
   - Submission of Main Bid (Mandatory)
   - Submission of Bid Annexure (Optional)

Technical Part must contain the following which is required to be submitted in the Main Bid/Bid Annexure:

a) Duly filled in Bid Submission Form as per Section – 9
b) Statement showing Clause by Clause Compliance to all Terms & Conditions of all the Sections of the Tender.
c) Scanned copy of Documentary Evidence of Eligibility Criteria
d) Technical Offer specifying Make & Model of the Offered Product
e) Product Data Sheet
f) Product Brochure
g) Un-priced Bid Schedule as per Section-5
h) Any other supporting documents the bidder wishes to submit as a part of Technical Offer

vi) Submission of Financial Part as under:
   - Submission of Electronic Form (Mandatory)
   - Submission of Main Bid (Mandatory)
   - Submission of Bid Annexure (Optional)

Financial Part must contain the Price Bid Schedule as per Section-5.

The entire bid-submission as above would be online on ETS.
2.26.6 **Offline Submissions:**

The bidder is requested to submit the following documents offline (i.e. physically) to GGM (MM), TCIL Bhawan, 4th Floor, Greater Kailash-I, New Delhi-110 048 before the due date & time of submission in a Sealed Envelope, the envelope shall bear, the Tender No. & Description and the words ‘DO NOT OPEN BEFORE’ (due date & time):

- **EMD/Bid Security (Original)** for Rs. 25,000/- by Demand Draft in favour of “Telecommunications Consultants India Ltd.” / Bank Guarantee in the prescribed format from a scheduled bank from its branch at Delhi/New Delhi.

2.26.7 **Special Note on Security of Bids**

Security related functionality has been rigorously implemented in ETS in a multi-dimensional manner. Starting with 'Acceptance of Registration by the Service Provider', provision for security has been made at various stages in Electronic Tender's software. Specifically for Bid Submission, some security related aspects are outlined below:

As part of the Electronic Encrypter™ functionality, the contents of both the ‘Electronic Forms’ and the ‘Main-Bid’ are securely encrypted using a Pass-Phrase created by the Bidder himself. Unlike a ‘password’, a Pass-Phrase can be a multi-word sentence with spaces between words (eg I love this World). A Pass-Phrase is easier to remember, and more difficult to break. It is recommended that a separate Pass-Phrase be created for each Bid-Part.

Typically, ‘Pass-Phrase’ of the Bid-Part to be opened during a particular Online Public Tender Opening Event (TOE) is furnished online by each bidder during the TOE itself, when demanded by the concerned Tender Opening Officer. A bid cannot be opened without a correct Pass-Phrase.

It may also be noted that if a bidder fails to furnish the correct Pass-Phrase during the TOE of Technical Part, the bid shall be rejected. If the bidder fails to furnish the correct Pass-Phrase during the TOE of Financial Part, not only shall the bid be rejected but also the EMD shall be forfeited.

There is an additional protection with SSL Encryption during transit from the client-end computer of a Supplier organization to the e-tendering server/ portal.

2.26.8 **Online Public Tender Opening Event (TOE)**

ETS offers a unique facility for ‘Online Public Tender Opening Event (TOE)’. Tender Opening Officers as well as authorized representatives of bidders can attend the Online Public Tender Opening Event (TOE) from the comfort of their offices. For this purpose, representatives of bidders (i.e. Supplier organization) dully authorized are requested to carry a Laptop and Wireless Connectivity to Internet.

Every legal requirement for a transparent and secure ‘Online Public Tender Opening Event (TOE)’ has been implemented on ETS.

As soon as a Bid is decrypted with the corresponding ‘Pass-Phrase’ as submitted online by the bidder himself (during the TOE itself), salient points of the Bids are simultaneously made available for downloading by all participating bidders. The tedium of taking notes during a manual ‘Tender Opening Event’ is therefore replaced with this superior and convenient form of ‘Online Public Tender Opening Event (TOE)’.
ETS has a unique facility of ‘Online Comparison Chart’ which is dynamically updated as each online bid is opened. The format of the chart is based on inputs provided by TCIL for each Tender. The information in the Comparison Chart is based on the data submitted by the Bidders. A detailed Technical and/or Financial Comparison Chart enhances Transparency. Detailed instructions are given on relevant screens.

ETS has a unique facility of a detailed report titled ‘Minutes of Online Tender Opening Event (TOE)’ covering all important activities of ‘Online Tender Opening Event (TOE)’. This is available to all participating bidders for ‘Viewing/ Downloading’.

2.26.9 Other Instructions

For further instructions, the Bidder should visit the home-page of the portal (https://www.tcil-india-electronictender.com), and go to the User-Guidance Center. The help information provided through ‘ETS User-Guidance Center’ is available in three categories – Users intending to Register / First-Time Users, Logged-in users of Buyer organizations, and Logged-in users of Supplier organizations. Various links are provided under each of the three categories.

Important Note: It is strongly recommended that all authorized users of Supplier organizations should thoroughly peruse the information provided under the relevant links, and take appropriate action. This will prevent hiccups, and minimize teething problems during the use of ETS.

The following ‘FOUR KEY INSTRUCTIONS for BIDDERS’ must be assiduously adhered to:

i) Obtain individual Digital Signature Certificate (DSC or DC) well in advance of tender submission deadline on ETS
ii) Register your organization on ETS well in advance of tender submission deadline on ETS
iii) Get your organization’s concerned executives trained on ETS well in advance of tender submission deadline on ETS
iv) Submit your bids well in advance of tender submission deadline on ETS (There could be last minute problems due to internet timeout, breakdown, etc.) While the first three instructions mentioned above are especially relevant to first-time users of ETS, the fourth instruction is relevant at all times.

2.26.10 Minimum Requirements at Bidders end

- Computer System with good configuration (Min P IV, 1 GB RAM, Windows XP SP3)
- Broadband Internet Connectivity.
- Microsoft Internet Explorer 6.0 or above
- Digital Certificate(s)
2.26.11 **Bidders Training Program**

One day training (10:00 hrs. to 17:00 hrs.) is arranged on payment basis which is scheduled on 25-09-2012 at TCIL Bhawan, Greater Kailash-I, New Delhi-110048. Training is optional. Bidders opting for Training shall have to pay Rs. 2,500 + Service Tax @12.36% by Demand Draft in favour of “Telecommunications Consultants India Limited” payable at New Delhi and are required to carry a Laptop with device for Wireless Connectivity to Internet as TCIL will not provide Internet connectivity to the trainees. Bidders are required to inform number of participants from their organization latest by 20-09-2012 at 17:00 hrs to the email-id of e-Tendering Helpdesk mentioned in the Contact Information given in Section 1.

2.27 **INTEGRITY PACT PROGRAMME**

2.27.1 As a part of implementation of Integrity Pact Programme (IPP) in TCIL, all tenders with the estimate value equal to or exceeding the threshold value will be covered under the Integrity Pact Programme (IPP) and the vendors are required to sign the IP document and submit the same to TCIL before or alongwith the bids.

The present threshold value is Rs. One Crore (Rs. 1 Cr.).

2.27.2 Even in case of tenders with the estimated value less than the threshold value, the vendors would be required to sign the IP document if the total value of the Purchase Orders (POs) exceeds the threshold value in respect of:

- Multiple/repeat Pos on the single vendors against a tender
- POs placed on multiple vendors against a tender

2.27.3 Only those vendors who have purchased the tender document and signed the IP document can send their grievances, if any, to the Independent External Monitors (IEMs) through the nodal officer, i.e. Chief Vigilance Officer (CVO). TCIL in the prescribed proforma.

**Name of IEMs with their contact Details:**

i) Shri. Madhukar, Independent External Monitor  
   E-mail ID:  [manjumadhukar@gmail.com](mailto:manjumadhukar@gmail.com)

ii) Sh. K.N. Singh, Independent External Monitor  
    Email ID:  [kailashnsingh12@rediffmail.com](mailto:kailashnsingh12@rediffmail.com)

**Name & contact details of Nodal Officer (IP) in TCIL:**

Sh. K. Selvakumar, Chief Vigilance Officer  
E-mail ID:  [selvakr@tcil-india.com](mailto:selvakr@tcil-india.com)

2.27.4 If the Order, with total value equal to or more than the threshold value, is split to more than one vendor and even if the value of PO placed on any/each vendor(s) is less than the threshold value, IP document having been signed by the vendors at bid stage itself, the Pact shall continue to be applicable.
2.27.5 In respect of tenders for Pre-bid tie up/Expression of Interest (EOI) : In case TCIL getting the Order from the client, before placement of Purchase Order/Work Order on technically & commercially qualified vendor, the selected vendor is required to sign the IP document.

2.27.6 IP document shall be in plain white sheet and to be signed by the vendor and TCIL with two witnesses from each party. The name, designation, company etc. of the persons signing the IP document and the project/tender name shall be clearly mentioned. All pages of the IP document shall be initialed by both parties along with company seal.

2.27.7 Tender received without signed copy of the Integrity Pact document will be liable to be rejected.

2.28 In case of any conflict in any of the terms mentioned at Section-4, the same shall prevail over the terms mentioned in other sections.

-END OF SECTION 2-
SECTION - 3

Tender No.: TCIL/15/1443/I/12-MM/25E   September 14, 2012

GENERAL (COMMERCIAL) CONDITIONS OF THE CONTRACT

3.1 PRICE APPLICABILITY

Prices in the Purchase Order shall remain valid for the period of delivery schedule or extended delivery schedule. In case of delayed supplies, after delivery period, the advantage of reduction of taxes/duties shall be passed onto the Purchaser and no benefit of increase will be permitted to the Supplier.

3.2 STANDARDS

The goods supplied under the contract shall conform to the standards mentioned in the Technical Specifications.

3.3 PATENT RIGHTS

The Supplier shall indemnify the Purchaser against all third party actions/claims of infringement of patent, trademark or industrial design rights arising from the use of goods or any part thereof.

3.4 PERFORMANCE SECURITY

3.4.1 Within 10 days of the Supplier’s receipt of Letter of Intent (LOI)/P.O., the Supplier shall furnish a Performance Security in the form of a Bank Guarantee for an amount equivalent to 10% of the contract/P.O value issued by a schedule Bank from its branch in Delhi in the prescribed format given this tender.

3.4.2 The proceeds of the Performance Security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier’s failure to complete its obligations under the contract.

3.4.3 The Performance Bond will be discharged by the Purchaser after completion of the Supplier’s obligations including any warranty obligations under the contract.

3.4.4 As regards validity of PBG, please refer to Special Conditions of the contract (Section-4).

3.5 INSPECTION AND TESTS

3.5.1 The Purchaser or its representatives or ultimate client shall have the right to inspect and test the goods for their conformity to the specifications. The Purchaser may also appoint an agency for this purpose. The technical specifications shall specify what inspection and tests the Purchaser requires and where they are to be conducted. Where the Purchaser decides to conduct such tests on the premises of the Supplier, all reasonable facilities and assistance like testing instruments and other test gadgets including access to the drawings and production data shall be furnished to the Inspector free of costs. In case the tested goods fail to conform to the specifications, the Inspector may reject them and the Supplier shall either replace the rejected goods or make alteration necessary to meet the specifications requirements free of cost to the Purchaser.
3.5.2 Notwithstanding the pre-supply tests and inspections, the material on receipt in the Purchaser’s premises shall also be tested and if any material or part thereof is found defective, the same shall be replaced free of cost to the Purchaser.

If any material before it is taken over is found defective or fails to fulfill the requirements of the contract, the Inspector shall give the Supplier notice setting forth details of such defects or failures and the Supplier shall make the material good or alter the same to make it comply with the requirements of the contract and in any case within a period not exceeding 2 months of the initial report. These replacements shall be made by the Supplier, free of the all charges, at the site(s).

3.5.3 As regards Inspecting Authority and other details please refer to Special Condition of the Contract (Section-4).

3.6 TRAINING (WHERE REQUIRED)

3.6.1 The Bidder shall provide training for installation and maintenance staff of the Purchaser free of cost, where required.

3.6.2 The Bidder shall specify in his bid the number of trainees, quantum of proposed training, pre-training qualifications required of the trainees and the duration of the proposed training required.

3.6.3 The Bidder shall provide all training materials and documents and aids.

3.6.4 Conduct of training of the Purchaser’s personnel shall be at the suppliers’ plant and/or on-site in assembly start-up operation, maintenance and/or repair of the supplied goods.

3.7 WARRANTY

3.7.1 The Supplier shall give warranty that goods to be supplied shall be new and free from all defects and faults in material, workmanship, and manufacture and shall be of the highest grade and consistent with the established and generally accepted standards for materials of the type ordered and shall perform in full conformity with the specifications and drawings. The Supplier shall be responsible for any defects that may develop under the conditions provided by the supplier and under proper use, arising from faulty materials, design or workmanship such as corrosion of the equipment, inadequate contact protection, deficiencies in circuit design and or otherwise and shall remedy such defects at his own cost when called upon to do so by the Purchaser who shall state in writing in what respect goods are faulty. This warrantee shall survive inspection or payment for, and acceptance of goods, after the goods have been taken over.

However the warranty period specified, if any, in the Special Condition of Contract (Section – 4) the same shall rule.

3.7.2 If it becomes necessary for the supplier to replace or renew any defective portion/portions of the equipment under this clause, the provisions of the clause shall apply to the portion/portions of equipment’s replaced or renewed or until the end of the above-mentioned period of sixty months, whichever may be later. If any defect is not remedied within a reasonable time, the Purchaser may proceed to get the work done at the Supplier’s risk and expenses, but without prejudice to any other rights which the Purchaser may have against the Supplier in respect of such defects.

3.7.3 Replacement under warranty clause shall be made by the Supplier free of all charges at site including freight, insurance and other incidental charges.
3.8 CHANGE ORDERS

3.8.1 The Purchaser may at any time by written order given to the Supplier make changes within the general scope of the contract in any one or more of the following:

- a) Drawings, designs or specifications where goods to be furnished under the contract are to be specifically manufactured for the Purchaser.
- b) Method of transportation or packing.
- c) Place of delivery.
- d) Services to be provided by the supplier.

3.8.2 If any such change causes an increase or decrease in the cost or the time required for the execution of the contractor, an equitable adjustment shall be made in the contract price or delivery schedule or both and the contract shall accordingly be amended.

3.9 SUB-LETTING

The Bidder cannot assign or transfer and sub-contract its interest/obligations under the contract without prior written permission of the Purchaser.

3.10 LIQUIDATED DAMAGES

3.10.1 The date of the delivery of the goods/services stipulated in the acceptance of tender should be deemed to be the essence of the contract and the delivery must be completed not later than the dates specified therein. Extension in delivery period will not be given except in exceptional circumstances. Should, however, deliveries be made after expiry of the contract delivery period and accepted by the consignee, such deliveries will not deprive the Purchaser of the right to recover Liquidated Damages.

3.10.2 In case the Supplier fails to supply the goods/services against the order, the same shall be procured from other suppliers at the cost and risk of the Supplier and the excess money will be recovered from any dues of the party.

3.10.3 For late deliveries, as liquidated damages, a sum equal to 2% of the price of any goods/services not delivered or total order value in case where part delivery is of no use to a Purchaser, for a week or part of a week subject to maximum limit of 10% of the total order will be recovered from the Supplier. The Purchaser also reserves the right to cancel the order in such cases and forfeit the EMD/Performance Bank Guarantee and may also debar the Supplier for future purchases.

3.10.4 LD can be recovered from any dues of the Supplier.

3.11 ARBITRATION

3.11.2 In the event of any dispute arising between TCIL and the Supplier in any matter covered by this contract or arising directly or indirectly therefrom or connected or concerned with the said contract in any manner of the implementation of any terms and conditions of the said contract, the matter shall be referred to the Chairman & Managing Director, TCIL who may himself act as sole arbitrator or may name as sole arbitrator an officer of TCIL notwithstanding the fact that such officer has been directly or indirectly associated with this contract and the provisions of the Indian Arbitration Conciliation Act, 1996 shall apply to such arbitration. The supplier expressly agrees that the arbitration proceedings shall be held at New Delhi.

3.11.3 The proceedings of arbitration shall be in English language:
3.11.4 In case any supplier wants to take the dispute to a court of law after arbitration award as aforesaid, it is clearly understood that only courts in Delhi shall have the Jurisdiction.

3.11.5 In case of Public Sector Undertaking/Government Departments

In the event of any dispute or difference relating to the interpretation and application of the provisions of the contracts with any Public Sector Undertaking / Government Department, such dispute or difference shall be referred by either party for Arbitration to the sole Arbitrator in the Department of Public Enterprises to be nominated by the Secretary to the Government of India in-charge of the Department of Public Enterprises. The Arbitration and Conciliation Act, 1996 shall not be applicable to arbitration under this clause. The award of the Arbitrator shall be binding upon the parties to the dispute, provided, however, any party aggrieved by such award may make a further reference for setting aside or revision of the award to the Law Secretary, Department of Legal Affairs, Ministry of Law & Justice, Government of India. Upon such reference, the dispute shall be decided by the Law Secretary or the Special Secretary / Additional Secretary, when so authorized by the Law Secretary, whose decision shall bind the Parties finally and conclusively. The Parties to the dispute will share equally the cost of arbitration as intimated by the Arbitrator.

3.12 RISK PURCHASE

3.12.1 In the event of Supplier’s failure to execute the contract to the satisfaction of the Purchaser, the Purchaser reserves the right:

(a) to reject any part of the Contract executed and withhold payment for such portion of the Contract till such time the defects are rectified to the satisfaction of the Purchaser.

(b) to terminate the Contract by giving 2 weeks notice in writing without assigning any reason and to get the Contract executed by other agency at the risk and cost of the Supplier.

3.13 APPLICABLE LAWS

This contract shall be interpreted, construed and governed by the laws of the Republic of India and the parties hereby submit to the exclusive jurisdiction of the Court at Delhi and to all Courts at Delhi having jurisdiction in appeal there from.

Any dispute in relation to the contract shall be submitted to the appropriate Court of the Republic of India for determination. The parties to the contract shall continue to fulfill their respective obligations under the contract during the currency of the contract pending the final decision of the Court.

3.14 GENERAL LIEN

Whenever under this contract any sum of money is recoverable from and payable by the Supplier, the Company shall be entitled to recover such sum by appropriating in part or in whole the security deposit of the Supplier, if a security is taken from the Supplier. In the event of the Security being insufficient or if no security has been taken from the Supplier, the balance or the total sum recoverable, as may be, shall be deducted from any sum due to the Supplier or which at any time thereafter may become due to the Supplier under this or any other contract with the Company. Should this sum be not sufficient to cover the full amount recoverable, the Supplier shall pay to the Company on demand the remaining balance due.
3.15 **PACKING**

The supplier shall ensure that the Goods/Equipment is securely and adequately packed to ensure safe arrival at the destination fully withstanding all hazards such as rough handling etc. during transit.

3.16 **REPLACEMENT OF DEFECTIVE EQUIPMENT**

3.16.1 If any equipment or any part thereof, is found defective or fails to meet the requirements of the contract before it is accepted TCIL shall give the Supplier a notice setting forth details of such defects or failures and the Supplier shall forthwith arrange to set right the defective equipment or replace the same by the good one to make it comply with the requirements of the contract. This in any case shall be completed within a period not exceeding one month from the date of the initial report pointing out the defects. The replacement or rectification shall be made at site by the Supplier free of cost. Should the Supplier fail to do the needful within this stipulated time frame, the purchaser reserves the right to reject the equipment in full or in part and get it replaced at the cost of the Supplier. The cost of any such replacement made by the Purchaser shall be deducted from the amount payable to the Supplier against this purchase order.

3.16.2 If any equipment or part thereof is lost or rendered defective during transit, pending settlement of the insurance claim, fresh order shall be placed on the Supplier for such loss or defective equipment and the Supplier shall arrange to supply the same within three months of such order at the same prices and on the same general terms and conditions as mentioned in this purchase order.

3.17 **FORCE MAJEURE**

If any time, during the continuance of this contract, the performance in whole or in part by either party under obligation as per this contract is prevented or delayed by reasons of any war or hostility, act of the public enemy, civil commotion, sabotage, fire, flood, explosion, epidemic, quarantine restrictions, strike, lockout or acts of God (hereinafter referred to as “eventuality”), provided notice of happening of any such eventuality is given by either party to the other within 21 days of the date of occurrence thereof, neither party shall be reason of such an “eventuality” be entitled to terminate this contract nor shall either party have any claim or damages against the other in respect of such non-performance or delay in performance and deliveries under the contract. The contract shall be resumed as soon as practicable after such “eventuality” has come to an end or ceased to exist. In case of any dispute, the decision of CMD, TCIL, shall be final and conclusive, provided further that if the performance in whole or part of any obligation under this contract is prevented or delayed by reason of any such eventuality for a period exceeding 60 days, either party may at its option, terminate the contract. Provided also that if the contract is terminated under this clause the Purchaser shall be at liberty to take over from the Supplier at a price to be fixed by the Purchaser, which shall be final, all unused, undamaged and acceptable materials, bought out components and other stores in the course of manufacture which may be in the possession of the Supplier at the time of such termination, or such portion thereof as the Purchaser may deem fit except such material, as the Supplier may, with the concurrence of the Purchaser, elect to retain.
3.18 TERMINATION FOR DEFAULT

3.18.1 The Purchaser, may, without prejudice to any other remedy for breach of contract, by written notice of default, sent to the Supplier, terminate this contract in whole or in part.

a) if the supplier fails to deliver any or all the goods within the time period (s) specified in the contract, or any extension thereof granted by the Purchaser.

b) if the Supplier fails to perform any other obligation(s) under the contract; and

c) if the Supplier, in either of the above circumstances, does not remedy his failure within a period of 15 days (or such longer period as the Purchaser may authorize in writing) after receipt of the default notice from the Purchaser.

d) On a notice period of 30 days.

3.18.2 In the event the Purchaser terminates the contract in whole or in part pursuant to above para the Purchaser may procure, upon such terms and in such manner as it deems appropriate, goods similar to those undelivered and the Supplier shall be liable to the Purchaser for any excess cost for such similar goods. However, the Supplier shall continue the performance of the contract to the extent not terminated.

3.19 TERMINATION FOR INSOLVENCY

The Purchaser may at any time terminate the Contract by giving written notice to the Supplier, without compensation to the supplier if the supplier becomes bankrupt or otherwise insolvent as declared by the competent court provided that such termination will not prejudice or effect any right of action or remedy which has accrued or will accrue thereafter to the purchaser.

3.20 ADD ON/REPEAT ORDER

TCIL reserves the right to place Add on/Repeat order for additional quantity upto 100% of the original quantity at the same rate and terms & conditions of the purchase order within six months from the date of issue of purchase order.

- END OF SECTION 3 -
SECTION – 4

Tender No.: TCIL/15/1443/I/12-MM/25E

September 14, 2012

SPECIAL CONDITIONS OF CONTRACT

4.1 PRICE BASIS

DAP (Delivered at Place) New Delhi basis inclusive of all taxes and duties, freight & insurance upto New Delhi. No ‘C’ Form will be issued by TCIL. Evaluation will be done on all inclusive prices.

4.2 PAYMENT TERMS

80% payment shall be made against receipt of goods in good condition.

Balance 20% shall be payable after 30 days of satisfactory Installation, Commissioning & AT of all Equipment/System at site.

No payment will be made for goods rejected on testing.

4.3 PAYING AUTHORITY

General Manager (LPF)
3RD FLOOR, TCIL BHAWAN, G.K.-I
NEW DELHI-110048

4.4 CONSIGNEE & INSPECTION AUTHORITY

Group General Manager (WB)
6th FLOOR, TCIL BHAWAN, G.K.-I
NEW DELHI-110048

4.5 DELIVERY SCHEDULE

Supply, Installation & Commissioning of all Equipment/deliverables to be made within 2 months from the date of issue of PO.

Last date of shipment - 7 weeks from the date of issue of Purchase Order.
Partial Shipment - Not allowed
Trans Shipment - Not allowed

4.6 PERFORMANCE BANK GUARANTEE (PBG)

The bidder is required to submit PBG for an amount equivalent to 10% of the P.O. value valid up to Warranty Period.

4.7 WARRANTY

3 (Three) years comprehensive warranty
4.8 QUANTITY VARIATION

TCIL may add or delete the number of systems/equipments upto 25% of total equipments during the contract period and the charges shall be increased/ reduced accordingly on pro-rata basis, based on the unit price quoted by the contractor. Variation beyond that may be settled mutually.

4.9 PENALTY FOR FAULT

i) TCIL reserves the right of getting the systems/ equipments attended by any other agency, if the complaints are not rectified to the satisfaction of TCIL within 72 hours from the time of fault report. The cost of such repairs etc. shall be at the risk and cost of vendor.

ii) In case the fault can not be rectified at the premises and the system/equipment needs to be taken out of the premises, vendor shall provide a standby system/ equipment of similar/equivalent configuration till the original system / equipment is replaced after rectification. Transportation charges if any shall be borne by the vendor.

iii) Faults reported should be attended and system made operational within 4 hours of booking the fault based on severity of problem. If the fault is not cleared within 72 working hours after lodging the compliant, then penalty at the following rates shall be imposed:

<table>
<thead>
<tr>
<th>Items</th>
<th>Penalty/Day</th>
<th>Max Penalty</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. DVR System</td>
<td>Rs.1000/-</td>
<td>Rs.10,000/-</td>
</tr>
<tr>
<td>2. CCTV Camera</td>
<td>Rs. 500/-</td>
<td>Rs. 5,000/-</td>
</tr>
</tbody>
</table>

- END OF SECTION 4 -
SECTION 5

Tender No.: TCIL/15/1443/I/12-MM/25E

SCHEDULE OF REQUIREMENT AND PRICE BID SCHEDULE

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Description</th>
<th>Make &amp; Model</th>
<th>Quantity (Nos.)</th>
<th>Unit Rate (Inclusive of all taxes)</th>
<th>Total Price (Rs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>DVR (16 Channels)</td>
<td></td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>PTZ Speed Dome Camera (Outdoor)</td>
<td></td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Fixed IR Dome Camera (Indoor Type)</td>
<td></td>
<td>26</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Bullet Camera (Indoor)</td>
<td></td>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Power Supply 12V, 4Amp</td>
<td></td>
<td>32</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Video Cable (RG6 + 2 Core 0.5/.75 mm) in ISI make PVC Conduit</td>
<td></td>
<td></td>
<td>Lumpsum</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Installation &amp; Commissioning</td>
<td></td>
<td>Lumpsum</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Annual Maintenance Charges for 3 Years after Warranty Period (3 years)</td>
<td></td>
<td></td>
<td>3 Years</td>
<td></td>
</tr>
</tbody>
</table>

Total:  

- END OF SECTION 5 -
SECTION – 6

Tender No.: TCIL/15/1443/I/12-MM/25E

September 14, 2012

SCOPE OF WORK, SYSTEM REQUIREMENT & TECHNICAL SPECIFICATIONS

SCOPE OF WORK AND SYSTEM REQUIREMENT

Scope of Work:
TCIL has decided to install the latest technology CCTV to provide surveillance through outdoor/indoors cameras at each floor (5 floors) locations inside and outside the buildings. The proposed surveillance system shall consist of

- Cameras
- DVR

This system will be used for monitoring at predetermined places on each floor.

System Features
Closed Circuit Television is required for surveillance through outdoor/indoor cameras at specified locations inside and outside the buildings. Video cameras will have pan/tilt (outdoor) & zoom arrangement. The indoor cameras need to be placed at specific locations to cover the entire floor. Cameras shall sense the objects even when the illumination is minimum. These cameras are connected to the Digital Video Recorder. The DVR unit should direct recording of all the cameras in real time. The resolution of the picture should be high. Multiple monitors should be used for effective monitoring. The operator should have the facility to choose any given camera for viewing on the other monitor. Each image should be recorded with a camera number, title, time, date and recording speed. The system should have diagnostic features to monitor the health of all sub-systems.

Mounting
Mounting shall be wall or ceiling for outdoor PTZ camera as already positioned.

Camera/Lens Housing
Housing for indoor camera/lens shall be environmental. Housing for outdoor camera/lens shall be weatherproof complete with sunshield. Construction of housing for interior camera/lens shall be extruded aluminum body with Plexiglas viewing window and include a blower.

Digital Video Recorder
- The DVR shall provide real-time viewing and recording of the camera images @400 fps
- Dual encoding support for network transmission and remote access monitoring
- Compatible upto 4TB Hard Disk Drive
- H.264 compression
- USB drive
- Inbuilt DVD/CD Writer
- The captured images should be stored in a digital format.
- On the replay, the recorded images should be viewed in full/Half/Quad screen.
- Each image is recorded with a camera number, title, time, date and recording speed.
- Should have (view, record, motion detection & control) operation
# TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>S.No</th>
<th>Technical Specifications</th>
<th>Requirement</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td><strong>DVR (16 Channel)</strong></td>
<td></td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Operating System</td>
<td>Embedded LINUX</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Operation/control device</td>
<td>Front panel, USB mouse, IR remote controller, Keyboard, Network</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Video Input</td>
<td>16 composite video 1.0Vpp, 75Ω, BNC</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Video Output</td>
<td>1 composite video output, 1.0Vpp, 75Ω BNC; 1 VGA; 1 HDMI output</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Video Standard</td>
<td>PAL or NTSC</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Resolution</td>
<td>NTSC : 704 x 480 / PAL : 704 x 576</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Compression</td>
<td>H.264</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Video Recording</td>
<td>16 Channel @ 25fps, Dual encoding streams (CIF), Multicasting</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Multi-screen Channel</td>
<td>1, 4, 8/9, 16 and pip</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Image Quality</td>
<td>1-6 level adjustment</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Privacy Masking</td>
<td>4 customized privacy masking zones for each camera</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Camera Lock</td>
<td>Camera lock by authorized users</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Audio Output</td>
<td>1 line out</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Audio Compression</td>
<td>G.711 / ADPCM</td>
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</tr>
<tr>
<td></td>
<td>Internal HDD</td>
<td>2TB, Up to 4 SATA hard disks, 8TB storage capacity supported</td>
<td></td>
</tr>
<tr>
<td></td>
<td>External Backup</td>
<td>eSATA, USB CD-RW or DVD-RW, network</td>
<td></td>
</tr>
<tr>
<td></td>
<td>HDD Management</td>
<td>HDD faulty alarm &amp; RAID (Redundancy)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Recording Mode</td>
<td>Manual and automatic continuous/event recording, video alarm trigger (motion detection, video loss and blank) and alarm trigger</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Record Rate</td>
<td>Up to 400fps@352 x 288</td>
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</tr>
<tr>
<td></td>
<td>Pre-alarm Recording</td>
<td>1 to 120 minutes (default: 60 minutes) interval file, 16 channels for pre-recording up to 30 seconds, post-recording up to 5 minutes per channel</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Overwrite Mode</td>
<td>Yes, Hardisk full</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Network Monitoring/Control</td>
<td>Remote video view, Webviewer</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Search Mode</td>
<td>Date/time, Event (alarm, motion detection)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Playback</td>
<td>16 channels playback simultaneously (forward/reverse, fast playback, slow playback, freeze)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Digital Zoom</td>
<td>Selected zone can zoom in to full screen during playback</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Protocol Support</td>
<td>TCP/IP, UDP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Remote Control Function</td>
<td>Monitor, PTZ control, playback, configuration, download</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Transmission Speed</td>
<td>CIF 120/100fps</td>
<td></td>
</tr>
<tr>
<td>Feature</td>
<td>Specification</td>
<td></td>
<td></td>
</tr>
<tr>
<td>-------------------------------</td>
<td>----------------------------------------------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Network Interface</td>
<td>RJ-45 (10/100M)</td>
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</tr>
<tr>
<td>USB Interface</td>
<td>2 x USB 2.0 ports</td>
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<tr>
<td>Serial Interface</td>
<td>RS-232 port for PC connection</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PTZ Control Interface</td>
<td>RS-485</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Power Input</td>
<td>100 to 240VAC 50Hz/60Hz</td>
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<td></td>
</tr>
<tr>
<td>Power Consumption</td>
<td>40W</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>-10°C~55°C</td>
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<td></td>
</tr>
<tr>
<td>Relative Humidity</td>
<td>10% - 90% non-condensing</td>
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<td></td>
</tr>
<tr>
<td>Ingress Protection</td>
<td>IP66</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Certification</td>
<td>CE, FCC, CCC, Type Test Report</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Make</td>
<td>Pelco/ Honeywell/ Bosch/ Sony</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>IR PTZ Speed Dome Camera (Outdoor)</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Imaging Device</td>
<td>1/4&quot; ExView HAD CCD, Sony</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Signal System</td>
<td>NTSC/PAL</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Pixels</td>
<td>NTSC: 811(H) x 507(V), PAL: 795(H) x 595(V)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Effective Pixels</td>
<td>NTSC: 768(H) x 494(V), PAL: 752(H) x 582(V)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Synchronization</td>
<td>Internal/External</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Scanning System</td>
<td>2 : 1 Interlace</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Scanning Frequency</td>
<td>H : 15KHz / V : 50Hz</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Resolution</td>
<td>Color : 500TV lines, B/W : 600TV lines</td>
<td></td>
<td></td>
</tr>
<tr>
<td>S / N Ratio</td>
<td>50dB (AGC off, Weight on)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Video Output</td>
<td>CVBS : 1.0 Vp-p / 75Ω composite</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Min. Illumination</td>
<td>Color: 0.15Lux@F1.6 (50IRE), B/W: 0.02Lux@F1.6(50IRE)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lens focal length</td>
<td>3.5 ~ 94.5mm (Optical 27x)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Max. Aperture Ratio</td>
<td>1 : 1.6(Wide) ~ 3.9(Tele)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Angular Field of View</td>
<td>H : 55.5°(Wide) ~ 2.24°(Tele) / V : 42.5°(Wide) ~ 1.62°(Tele) (27x)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dome Size</td>
<td>6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pan Speed / Range</td>
<td>Preset : 600°/s, Manual : 0.024°/s ~ 120°/s; 360° Endless</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tilt Speed / Range</td>
<td>Preset : 600°/s, Manual : 0.024°/s ~ 120°/s; -5° ~ 185°</td>
<td></td>
<td></td>
</tr>
<tr>
<td>No. Presets / Accuracy</td>
<td>255 / ±0.1°</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Digital Zoom</td>
<td>26x Optical Zoom, 12x Digital Zoom</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Preset Positions</td>
<td>128</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PTZ Tours (Pattern)</td>
<td>3 Programmable, 120 Seconds</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camera Id Range</td>
<td>0~255</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shutter Speed</td>
<td>Auto (1/60 - 1/100,000sec, 1/50 - 1/100,000sec)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dip Switch control</td>
<td>BLC, AGC, Flickerless</td>
<td></td>
<td></td>
</tr>
<tr>
<td>WDR</td>
<td>ON / OFF</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BMB</td>
<td>ON/OFF</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Back Light Compensation</td>
<td>BLC / HLC / Off</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Contrast Enhancement</td>
<td>SSDR (Off / On)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Feature</td>
<td>Specification</td>
<td></td>
<td></td>
</tr>
<tr>
<td>----------------------------------------------</td>
<td>-----------------------------------------------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Digital Noise Reduction</td>
<td>SSNR (Off / Low / Middle / High selectable (Noise control))</td>
<td></td>
<td></td>
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<tr>
<td>White Balance</td>
<td>ATW / Outdoor / Indoor / Manual / Auto</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Motion Detection</td>
<td>Off / On (8 programmable zones)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Protocol</td>
<td>RS-485, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Connector</td>
<td>BNC</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Privacy Zone Masking</td>
<td>ON / OFF, (8 Zones/color selectable)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Monitoring Pan</td>
<td>Manual 360°</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Angle Tilt</td>
<td>Manual 20° ~ 90°</td>
<td></td>
<td></td>
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<tr>
<td>Ingress Protection</td>
<td>IP66, SCP-2270H</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>-10°C ~ +50°C</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operating Humidity</td>
<td>30% ~ 80% RH</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Input Voltage</td>
<td>24V AC ±10%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Power Consumption</td>
<td>Max. 25W</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Certification</td>
<td>CE, FCC, CCC, Type Test Report</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Make</td>
<td>Pelco/ Honeywell/ Bosch/ Sony</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### 3 Fixed IR Dome Camera (Indoor Type)

<p>| Imaging Device                               | 1/3&quot; Super HAD CCD                                |
| Signal System                                | NTSC/PAL                                           |
| Total Pixels                                 | NTSC: 811(H) x 507(V), PAL: 795(H) x 595(V)        |
| Effective Pixels                             | NTSC: 768(H) x 494(V), PAL: 752(H) x 582(V)        |
| Synchronization                              | Internal only                                      |
| Scanning System                              | 2 : 1 Interlace                                     |
| Scanning Frequency                           | H : 15KHz / V : 50Hz                               |
| Resolution                                   | Color : 540TV lines, B/W : 610TV lines             |
| S / N Ratio                                   | 48dB (AGC off, Weight on)                          |
| Video Output                                 | CVBS : 1.0 Vp-p / 75Ω composite                    |
| Min. Illumination                            | Color: 0.15Lux@F1.2 (30IRE), B/W: 0Lux (IR LED on) |
| Lens                                         | Fixed lens f=3.5mm, F2.0 (4, 6, 8mm option)         |
| Digital Zoom                                 | Off / On (1x ~ 16x)                                |
| Shutter Speed                                | Auto (1/60 - 1/100,000sec, 1/50 - 1/100,000sec)    |
| Dip Switch control                           | BLC, AGC, Flickerless                              |
| BMB                                          | ON/OFF (16 Area Selectable, 5 Color Selectable)     |
| Back Light Compensation                      | BLC / HLC / Off                                    |
| Contrast Enhancement                         | SSDR (Off / On)                                    |
| Digital Noise Reduction                      | SSNR (Off / Low / Middle / High selectable (Noise control)) |
| White Balance                                | ATW / Outdoor / Indoor / Manual                    |
| Motion Detection                             | Off / On (8 programmable zones)                    |
| Gamma Correction                             | 0.45                                               |
| IR Distance                                  | 7m (IR LED 850nm/8ea)                              |</p>
<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>IR Led Control</td>
<td>On: 1<del>3 Lux; Off: 5</del>6 Lux</td>
</tr>
<tr>
<td>Connector</td>
<td>BNC, S-VHS Output connector</td>
</tr>
<tr>
<td>Privacy Zone Masking</td>
<td>ON / OFF, (8 Zones/color selectable)</td>
</tr>
<tr>
<td>Monitoring Pan</td>
<td>Manual 360°</td>
</tr>
<tr>
<td>Angle Tilt</td>
<td>Manual 20° ~ 90°</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>-10°C ~ +50°C</td>
</tr>
<tr>
<td>Operating Humidity</td>
<td>30% ~ 80% RH</td>
</tr>
<tr>
<td>Input Voltage</td>
<td>12V DC ±20%</td>
</tr>
<tr>
<td>Power Consumption</td>
<td>Max. 2W</td>
</tr>
<tr>
<td>Make</td>
<td>Pelco/ Honeywell/ Bosch/ Sony</td>
</tr>
<tr>
<td><strong>4 Bullet Camera (Outdoor Type)</strong></td>
<td></td>
</tr>
<tr>
<td>Imaging Device</td>
<td>1/3&quot; Super HAD CCD</td>
</tr>
<tr>
<td>Total Pixels</td>
<td>811(H) x 507(V), 795(H) x 595(V)</td>
</tr>
<tr>
<td>Effective Pixels</td>
<td>768(H) x 494(V), 752(H) x 582(V)</td>
</tr>
<tr>
<td>Synchronization</td>
<td>Internal / line lock</td>
</tr>
<tr>
<td>Scanning System</td>
<td>2 : 1 Interlace</td>
</tr>
<tr>
<td>Scanning Frequency</td>
<td>H : 15KHz / V : 50Hz</td>
</tr>
<tr>
<td>Resolution</td>
<td>Color : 525TV lines, B/W : 625TV lines</td>
</tr>
<tr>
<td>S / N Ratio</td>
<td>480dB (AGC off, Weight on)</td>
</tr>
<tr>
<td>Video Output</td>
<td>CVBS : 1.0 Vp-p / 75Ω composite</td>
</tr>
<tr>
<td>Min. Illumination</td>
<td>Color: 0.15Lux@F1.2 (50IRE), 0.0003Lux (Sens-up, 512x)</td>
</tr>
<tr>
<td>Lens</td>
<td>Vari focal Lens f=4~9mm</td>
</tr>
<tr>
<td>Digital Zoom</td>
<td>Off / On (1x ~ 16x)</td>
</tr>
<tr>
<td>Shutter Speed</td>
<td>Auto (1/60 - 1/100,000sec, 1/50 - 1/100,000sec)</td>
</tr>
<tr>
<td>Dip Switch control</td>
<td>BLC, AGC, Flickerless</td>
</tr>
<tr>
<td>WDR</td>
<td>ON / OFF</td>
</tr>
<tr>
<td>BMB</td>
<td>ON/OFF (16 Area Selectable, 5 Color Selectable)</td>
</tr>
<tr>
<td>Lighting control</td>
<td>WDR, DNR/TDN, BMB</td>
</tr>
<tr>
<td>Back Light Compensation</td>
<td>BLC / HLC / Off</td>
</tr>
<tr>
<td>Digital Noise Reduction</td>
<td>SSNR (Off / Low / Middle / High selectable (Noise control))</td>
</tr>
<tr>
<td>White Balance</td>
<td>ATW / Outdoor / Indoor / Manual / AWC (1,700K° ~ 11,000K°)</td>
</tr>
<tr>
<td>Motion Detection</td>
<td>Off / On (8 programmable zones)</td>
</tr>
<tr>
<td>Gamma Correction</td>
<td>0.45</td>
</tr>
<tr>
<td>IR Distance</td>
<td>7m (IR LED 850nm/8ea)</td>
</tr>
<tr>
<td>IR Led Control</td>
<td>On: 1<del>3 Lux; Off: 5</del>6 Lux</td>
</tr>
<tr>
<td>Communication</td>
<td>Coaxial control, RS-485</td>
</tr>
<tr>
<td>Connector</td>
<td>BNC</td>
</tr>
<tr>
<td>Contrast Enhancement</td>
<td>SSDR (Off / On)</td>
</tr>
<tr>
<td>Day &amp; Night Mode</td>
<td>AUTO (ICR)/ Color / B/W / ON / OFF</td>
</tr>
<tr>
<td>Privacy Zone Masking</td>
<td>ON / OFF, (8 Zones/color selectable)</td>
</tr>
<tr>
<td>Monitoring Pan</td>
<td>Manual 360°</td>
</tr>
<tr>
<td>Angle Tilt</td>
<td>Manual 20° ~ 90°</td>
</tr>
<tr>
<td>Ingress Protection</td>
<td>IP66</td>
</tr>
<tr>
<td>-------------------</td>
<td>--------------</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>-10°C ~ +50°C</td>
</tr>
<tr>
<td>Operating Humidity</td>
<td>30% ~ 80% RH</td>
</tr>
<tr>
<td>Input Voltage</td>
<td>12V DC ±20%</td>
</tr>
<tr>
<td>Power Consumption</td>
<td>Max. 3.5W</td>
</tr>
<tr>
<td>Make</td>
<td>Pelco/ Honeywell/ Bosch/ Sony</td>
</tr>
</tbody>
</table>

- END OF SECTION 6 -
FORMAT OF BID BOND (EMD)

Whereas ……………………. (Hereinafter called “the Bidder”) has submitted its bid dated …………… For the supply of …………. Vide Tender No. ……………………….. dated ……………

KNOW ALL MEN by these presents that WE …………………… OF ………………. Having our registered office at ………….. (Hereinafter called “the Bank”) are bound unto Telecommunications Consultants India Limited (hereinafter called “the Purchaser”) in the sum of INR/US$ …………………… for which payment will and truly to be made of the said Purchaser, the Bank binds itself, its successors and assigns by these present.

THE CONDITIONS of the obligation are:

1. If the Bidder withdraws his bid during the period of bid validity specified by the Bidder on the Bid form or

2. If the Bidder, having been notified of the acceptance of his bid by the Purchaser during the period of bid validity

   (a) Fails or refuses to execute the Contract, if required; or
   (b) Fails or refuses to furnish the Performance Security, in accordance with the instructions to Bidders.

We undertake to pay to the Purchaser up to the above amount upon receipt of its first written demand, without the purchaser having to substantiate its demand, provided that in its demand, the purchaser will note that the amount claimed by it is due to it owning to the occurrence of one or both of the two conditions, specifying the occurred condition or conditions.

This guarantee will remain in force upto and including THIRTY (30) days after the Period of bid validity and any demand in respect thereof should reach the Bank not later than the specified date/dates.

Signature of the Bank Authority.

Name

Signed in Capacity of

Name & Signature of witness

Full address of Branch

Address of witness

Tel No. of Branch

Fax No. of Branch

- END OF SECTION 7 –
FORMAT OF PERFORMANCE BANK GUARANTEE (PBG)

M/s Telecommunications Consultants India Ltd.,
TCIL Bhawan, Greater Kailash-I
New Delhi – 110 048 (INDIA)

(With due stamp duty if applicable)

OUR LETTER OF GUARANTEE No. : ______________

In consideration of TELECOMMUNICATIONS CONSULTANTS INDIA LIMITED, having its office at TCIL Bhawan, Greater Kailash-I, New Delhi – 110 048 (INDIA) (hereinafter referred to as “TCIL” which expression shall unless repugnant to the content or meaning thereof include all its successors, administrators and executors) and having entered into an agreement dated ___________ / issued Purchase Order No. ___________________________ dated ________ with/on M/s ___________ (hereinafter referred to as “The Supplier” which expression unless repugnant to the content or meaning thereof, shall include all the successors, administrators, and executors).

WHEREAS the Supplier having unequivocally accepted to supply the materials as per terms and conditions given in the Agreement dated ___________/Purchase Order No. ___________________________ dated ________ and TCIL having agreed that the Supplier shall furnish to TCIL a Performance Guarantee for the faithful performance of the entire contract, to the extent of 10% (ten percent) of the value of the Purchase Order i.e. for ________________.

We, ___________ (“The Bank”) which shall include OUR successors, administrators and executors herewith establish an irrevocable Letter of Guarantee No. ___________ in your favour for account of ___________ (The Supplier) in cover of performance guarantee in accordance with the terms and conditions of the Agreement/Purchase Order.

Hereby, we undertake to pay upto but not exceeding ___________ (say ___________ only) upon receipt by us of your first written demand accompanied by your declaration stating that the amount claimed is due by reason of the Supplier having failed to perform the Agreement and despite any contestation on the part of above named supplier.

This Letter of Guarantee will expire on ___________ including 30 days of claim period and any claims made hereunder must be received by us on or before expiry date after which date this Letter of Guarantee will become of no effect whatsoever whether returned to us or not.

_________________  
Authorized Signature  
Manager    
Seal of Bank

- END OF SECTION 8 –
SECTION-9

Tender No.: TCIL/15/1443/I/12-MM/25E

September 14, 2012

BID SUBMISSION FORM

Offer No.: ________________________________ Date: __________

To

Group General Manager (MM)
Telecommunications Consultants India Limited
TCIL Bhawan, Greater Kailash-I,
New Delhi-110 048 (INDIA).

Dear Sir,

In response to your Tender No. TCIL/15/1443/I/12-MM/25E dated September 14, 2012 for Supply, Installation & Commissioning of CCTV Surveillance System for TCIL Hqrs, we hereby submit our offer herewith.

1. Bidder Name : ________________________________
2. Website Address : ________________________________
3. Email Address : ________________________________
4. Address for Communication : ________________________________

5. Telephone Number : ________________________________
6. Fax/Telefax Number : ________________________________

7. Authorised Person - Name : ________________________________
   Designation : ________________________________
   Mobile No. : ________________________________
   Email ID : ________________________________

8. Alternate Person - Name : ________________________________
   Designation : ________________________________
   Mobile No. : ________________________________
   Email ID : ________________________________

9. PAN Number : ________________________________
10. TIN Number : ________________________________
    State : ________________________________
11. Service Tax Regn. No. : ________________________________
12. ECC Number : ________________________________
13. Beneficiary’s complete Bank Details in case payment through LC is approved.
   Bank Account No. : ________________________________
   IFSC / NEFT Code : ________________________________
   Name of the Bank : ________________________________
   Address of the Branch : ________________________________

14. Particulars of EMD
   Amount : Rs. ________________________________
   Mode of Payment (DD/BG) : ________________________________
   DD/BG No. : ________________________________
   Date : ________________________________
   Name of the Bank : ________________________________
   Address of the Bank : ________________________________
   Validity of BG : ________________________________

15. Particulars of Tender Fee
   Amount : Rs. ________________________________
   DD No. : ________________________________
   Date : ________________________________
   Name of the Bank : ________________________________
   Address of the Bank : ________________________________

16. Turnover of the Bidder in last 3 years (Please submit copy of Annual Report)

<table>
<thead>
<tr>
<th>Year</th>
<th>Annual Report attached at Page No.</th>
<th>Turnover in Rs. (Lakh)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011-2012</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2010-2011</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2009-2010</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Average Turnover

17. Details of similar work / order executed during last 2 years (Please submit copy of completion certificate from the client.

<table>
<thead>
<tr>
<th>Description of the Work/Order Executed</th>
<th>Value of Work/Order Executed</th>
<th>Name of the Client</th>
<th>Start Date</th>
<th>Finish Date</th>
<th>Doc. Evidence at Page No.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</tr>
</tbody>
</table>
18. Please mention the place from where shipment will be effected.

_________________________________________________________________________


_________________________________________________________________________

20. Please Mention Mode of Shipment (Sea/Air/Rail/Road)

_________________________________________________________________________

21. Are you a MSME Unit. If yes, please furnish Registration Details, Name of the DIC / State.

_________________________________________________________________________

_________________________________________________________________________

22. Following Documents are submitted to substantiate other eligibility criteria.
   i) _________________________________________________________________
   ii) ________________________________________________________________
   iii) ________________________________________________________________

DECLARATION

1) We have read and understood the terms & conditions of the above mentioned tender and comply to all Terms & Conditions of your Tender. (In case of any deviation the Bidder must attach a separate sheet clearly mentioning the Clause No. of the Tender and Deviation thereto)

2) We certify that the information mentioned above are true and correct to best of our knowledge.

3) In case of receipt of order we confirm that payment shall be received through e-Banking / Electronics Transfer.

4) This offer contains ________ No. of pages including all Annexures and Enclosures.

Place: ___________________________ Signature of Authorised Signatory
Date: ___________________________ Name: ___________________________
      ___________________________ Designation: ___________________________
      ___________________________ Seal: ___________________________

- END OF SECTION 9 –