



GOVERNMENT OF INDIA  
PETROLEUM AND EXPLOSIVES SAFETY ORGANISATION  
(Formerly Department of Explosives)  
5<sup>TH</sup> FLOOR, CGO COMPLEX, SEMINARY HILLS, NAGPUR-6

# **TENDER FORM**

FOR

## **COMPREHENSIVE ANNUAL MAINTENANCE CONTRACT OF**

Systems Integrators for WAN along with Computer Hardware and Equipments

*(for all Offices of the Organization)*

**TENDER NO. D-21013/AMC-COMP/2012-13/EXP**

**Government of India**

**Petroleum and Explosives Safety Organisation (PESO)**

**5<sup>th</sup> Floor, CGO Complex, Seminary Hills**

**Nagpur 440006**

1. Name of Firm& Address : \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Phone: \_\_\_\_\_  
E-mail \_\_\_\_\_  
Cell Phone: \_\_\_\_\_
2. Registration No. : \_\_\_\_\_  
\_\_\_\_\_
3. CST/LST/VAT No. : \_\_\_\_\_  
\_\_\_\_\_
4. Earnest Money D.D No. : \_\_\_\_\_  
Issuing Branch& Date \_\_\_\_\_  
\_\_\_\_\_
5. PAN/TAN Details : \_\_\_\_\_  
\_\_\_\_\_

Date:

Signature of Tenderer

List of Enclosures:

**Receipt & Opening of Tender:**

1.	Last date and time for issue of Tender form	01/02/2013 up to 1700 hrs.
2.	Last date and time of submission of Tender form.	<b>04/02/2013 up to 1100 hrs</b>
3.	Date and time of opening of Tender.	<b>04/02/2013 at 1430 hrs</b>
4.	Place of submission and opening of Tender	O/o Chief controller of Explosives, A Block, 5 <sup>th</sup> Floor, CGO Complex, Seminary Hills, Nagpur – 440 006 (Maharashtra)

The offer shall be addressed to the Chief controller of Explosives, Petroleum and Explosives Safety Organisation, 5<sup>th</sup> Floor, CGO Complex, Seminary Hills, Nagpur – 440 006.

**GENERAL CONDITIONS****A- For Tenders**

The Technical and Commercial Bids are to be furnished separately. The sealed covers containing Technical bids only will be opened in the first instance. In case Technical documents are not found in order as per the requirements, the bid will be rejected and the Envelope “Commercial Bid” shall not be opened.

- Cost of Tender document/Form once paid is non-refundable.
- Each page of the offer is to be signed and stamped.
- The Chief Controller of Explosives (HOD) reserves the rights in accepting or rejecting any tender without assigning any reason whatsoever.
- In the event of any dispute with the decision of Tender Committee, the decision of the Chief Controller of Explosives will be final.

**B- For AMC**

The Chief controller of Explosives, Nagpur proposes to award Comprehensive Annual Maintenance Contract of System Integrators for WAN along with Computer Hardware Equipments installed at various offices of PESO. **The period for the Annual Maintenance Contract will be from 01/04/2013 to 31/03/2014.**

In case of acceptance of its offer, a detailed MOU will have to be signed by the successful L-1 bidder (henceforth called as “*Service provider*”) with PESO, Nagpur.

**C- Validity:**

The price quoted must be firm during the tenure of the contract and offer must remain open for acceptance minimum up to 120 days from the date of opening the tender. Offer with a validity of less than 120 days will be liable for rejection without any further reference.

**D- Late Receipt of the Offers:**

Late/delayed offers, fax offers/messages, telegraphic offers and incomplete offers are liable to be rejected. Any late/delayed tender received will not be accepted.

**E- Earnest Money Deposit amount:**

The Earnest Money Deposit (EMD) **Rs. 40,000/-** (Rupees Forty Thousand only) shall be deposited along with the tender. The earnest money without interest will be returned to the unsuccessful bidders within the validity period. The EMD will be payable by a demand draft, drawn on any Nationalized/Scheduled bank in favour of "Chief Controller of Explosives" payable at Nagpur.

The firms registered with DGS&D/NSIC for the said AMC services are exempted from the payment of EMD. **In that case, documentary proof for such registration shall be furnished.**

**F- Payment Terms:**

No advance payment will be made. The payment will be released quarterly at the end of each quarter thereby making payments due on 1<sup>st</sup> July, 1<sup>st</sup> October, 1<sup>st</sup> January and 1<sup>st</sup> April. *Service provider* will submit quarterly bill along with the downtime statement within one week of completion of the quarter.

**G- Call Registration And Completion:**

All the maintenance calls will be logged using the call center/any other arrangement existing with the *Service provider*. *Service provider* will acknowledge each call with a unique Call no. which is to be used for reference in future. This will be used to workout downtime for penalty calculation. PESO's letters or *Service provider's* call reports with PESO official's signature or other call-logging documents may also be used to calculate downtime penalty.

**H- Revision Of Maintenance :**

Changes or enhancement in systems features may necessitate revision of the specified minimum maintenance charges and shall be covered by an addendum to this contract.

### Description of Work

All the 25 offices of PESO located across the Country have been connected to the Central Servers at Head Office, Nagpur by Wide Area Network (WAN) with 25 Nos. of 2 Mbps and 512 Kbps leased lines in STAR Topology under MLLN. The details of 25 Nos. of leased lines are given in **Annexure – I**. This office also has Video Conferencing system among HQ and 5 Circle offices, for which dedicated BSNL MPLS bandwidth of 4 Mbps for HQ and 1 Mbps for Circle offices is procured. The work also includes arranging and facilitating Video Conferencing among these offices. In addition PESO has 2 Internet leased lines, one of 6 Mbps from BSNL and another of 8 Mbps from STPI. The work includes continuous monitoring of these leased lines and follow up with respective service provider in case of failure/problems etc. Configuration changes in Routers for future modifications, if any, will have to be done by the *Service Provider*.

The Make & Model and Nos. of WAN hardware items installed in all offices across the Country and the Head Office at Nagpur are given in **Annexure – II**. The *Service provider* will be responsible for the maintenance/configuration of WAN hardware given in Annexure-II as well as up keeping of all leased lines as per terms and conditions given below.

The details of each Office, Location, Address and Phone/Fax Numbers are given in **Annexure – III**. These Offices are equipped with Servers, Client Machines, Laserjet Printers, DMP, Deskjet Printers, Laptops, LCD Projectors, Scanners, UPS, LAN accessories etc. The details of Computer Hardware and Equipments with respect to each Office are given in **Annexure – IV**. The Server and Client Machines' configurations are given in **Annexure – V**. The bidders may visit this office to verify/confirm the configuration details of all hardware items in case of any doubt, before the Tender evaluation process begins.

This organization is the licensed user of Trend Micro Enterprise Edition Anti-Virus Software. A dedicated anti-virus server is installed at the HQ, Nagpur. The *Service provider* will be responsible for maintenance of anti-virus Server, Clients updation and also the maintenance of all Computer Hardware Equipments given in **Annexure-IV** whose configuration is given in **Annexure-V**, as per terms and conditions given below.

1. This AMC includes up-keeping of all the leased lines as given in Annexure-I, maintenance of all WAN Hardware, arrangements for Video Conferencing, maintenance of all Computer Hardware as given in Annexure-IV, except consumables and supply items such as ribbons, media like magnetic tapes, cartridges, floppy diskettes, printer heads (DMP), computer stationary, CDs and toner cartridges for laser printers. However, Laser printer maintenance includes fuser assembly as well.
2. The maintenance contract would cover the operating systems maintenance, software installation, installation of patches/service packs, data recovery, maintenance of Trend Micro Anti-Virus Servers, pre-emptive actions against virus spread, detection/removal of virus using the Organization's anti-virus solution, Configuration of systems, applications, connection of computers to projector for presentation, as and when required under the supervision of designated officials of the Organisation.
3. The maintenance contract would also cover attending to software issues, like applying patches/service packs, installing/removing softwares and other software related troubleshooting for PCs, laptops and other equipments **which are under warranty**.
4. The *Service provider* should station one full time qualified and experienced Resident Engineer at **Head Office, Nagpur** for attending all issues related to leased line connectivity and to co-ordinate with the other Service Engineers and the respective BSNL/MTNL/STPI

Authorities. In addition, the Firm shall station a full time Resident Engineer for Computer Hardware maintenance at each of the five Circle Offices located at **Agra, Chennai, Faridabad, Kolkata & Mumbai and Head Office at Nagpur** (*i.e. 2 Resident Engineers at HQ Nagpur and 1 each at 5 Circle offices=Total 7 Resident Engineers.*) They shall attend day-to-day problems. The Resident Engineer deputed at these locations shall not be changed frequently. Only one change during the year of AMC is permissible.

5. The *Service provider* shall provide the service of Service Engineers for the remaining Offices located at **Chandigarh, Jaipur, Bhopal, Allahabad, Bhubaneshwar, Dehradun, Baroda, Wardha, Raipur, Gondkairy(Nagpur), Asansol, Patna, Ranchi, Guwahati, Hyderabad, Mangalore, Vellore, Ernakulam and Sivakasi, FRDC Sivakasi** on call basis. However, the *Service provider's* Service Engineer shall visit these Offices at least once in fortnight for periodical and preventive maintenance.
6. The *Service provider* shall provide Services in respect of all Hardwares and Leased lines by themselves and not by their franchisees or awarding sub-contract to any other party.
7. The Resident/Service Engineer should have sufficient and requisite knowledge of maintenance and troubleshooting in Windows LAN/WAN environment.
8. The maintenance will also cover the power cords, cables, connectors and other physical appliances used for connection in order to make computers/peripherals operational.
9. The part/components/sub-assemblies used for repair/replacement by the Firm shall be of the same/equivalent or higher make and having functional capacity as available originally in the system.
10. All the repairs and servicing of the equipments shall be carried out on site at the place where it is located.
11. No component(s) / equipment(s) shall be removed from their respective place(s) / from the Office premises without informing the authorized officials of the Organization. A written consent letter from the Organization is necessary for moving out of any parts, for which the Resident/Service Engineer shall also maintain a log book showing the movement of any component(s)/equipment(s) for repair at their service centre.
12. In exceptional circumstances where the equipment is to be taken to the *Service provider's* premises/service center for repairs, the stand-by arrangement from the Firm shall be provided. The equipment taken to the *Service provider's* premises would be at *Service provider's* own risk and expense.
13. Any damage or loss caused to the equipments or components or their parts due to negligence, mis-handling shall be replaced by the *Service provider*, at their cost.
14. The *Service provider* should make a schedule to carry out Preventive Maintenance tasks as below. The tasks shall be performed on *monthly basis* to ensure proper functioning.
  - a. Cleaning of all equipments using dry vacuum air, brush and soft muslin clothes.
  - b. Running of test programs to ensure proper functioning of leased lines and peripherals.
  - c. Checking power supply source for proper grounding and safety of equipments.

15. On line connectivity records relating to leased line down time, restoration time, cause of fault, etc shall be maintained by the Resident/Service Engineer, for which PESO's software module is in use already, or by use of any other software.
16. The Computers, Servers, Printers and other related hardware (types covered in the AMC), which are under warranty at the time of awarding this AMC, shall be included immediately and automatically on expiry of their warranty period and at the rates quoted by the Firm in the tender form for respective items. However, the period up to which the Maintenance contract is awarded with respect to these items will be the same as that of all other items. The list of such items under warranty at the time of taking over this AMC shall be obtained from respective offices.
17. Maintenance shall include effective maintaining and functioning of all the Local Area Network points (LAN), all Hubs/Switches. LAN points crimping, testing may also be required a few times.
18. The *Service provider* will provide maintenance and repair services on holidays in case of emergency or as per the requirement of the Organization.
19. A *Complaint* (central call registration software module) and *Preventive Maintenance Register* shall be maintained by the *Service provider*, which shall be signed by the Organisation's Official.
20. The *Service provider* shall put asset number/stickers on each of the Hardware item maintained by them.
21. It shall be the responsibility of the *Service provider* to make all the Equipments and peripherals work satisfactorily throughout the contract period and to hand over the systems in good working condition to the Organization on expiry of the contract. In case any damage is found at the time of handing over or contract expiry, the *Service provider* is liable to rectify it, at their cost, even after the contract had expired.
22. In the event, the *Service provider Firm* is taken over/bought over by another Firm/Company, all the obligations under the agreement with PESO, should be passed on for compliance by the new Firm in the negotiation for their transfer.
23. The *Service provider* shall be responsible for taking Data back up before attending the fault and shall also be responsible for restoring the same.
24. If any item under the AMC is malfunctioned/stopped working, it will be the responsibility of the *Service Provider* to repair and restore or replace it. All the causes for item's malfunctioning are covered under AMC except physical damages caused by User and the Acts of God.

## Scope of Work:

a) **Type of Contract:** Yearly contract of comprehensive maintenance of WAN, Computer Hardware and up keeping of leased lines– The Firm shall supply all spare parts required for repair, replacement & test, at their cost.

b) **Configurations:**

1. The Routers, Firewall, Modems shall be configured with other end Router (Any Make, Model, Protocol) and Modem to make the link up and running, as and when required.
2. The configuration changes for new links, upgradation, for data security, etc. if required in future.
3. Configuration of ISDN lines with existing Routers, as a fallback arrangement.

c) **Type of Support**

1. Up keeping of all the Computer and WAN Hardware, up keeping of all the 33 Nos. of leased lines, 5 days a week, 9 AM to 6.30 PM. This is required since the connectivity with Central Servers are over these links.
2. Attending software related issues for items under warranty.
3. Follow-up with BSNL/MTNL/STPI exchanges for up keeping of these leased lines at both sides.
4. Testing of leased lines for errors if any.
5. Complaint booking for faulty leased line at both ends with respective BSNL/MTNL/STPI Authorities.
6. Training of Organisation Officials on functioning of communication hardware and leased lines.
7. Resident Engineer at Nagpur shall be provided with a dedicated PC and Cell phone, by the *Service provider* to monitor all leased lines as per Annexure-I and the ISDN connectivity (fall-back arrangement).

d) **Response Time**

1 Hour Response time (response time is the time taken by the *Service provider* to attend the call after the logging of the call).

e) **Resolution Time for WAN items / up keeping of leased lines.**

1. 3 hours. (Resolution time is the time taken by Engineer to solve the problem from the time of reporting the problem or from the time of line failure.)
2. **In case of device malfunction, the replacement should be given within 2 working days.**

f) **Resolution Time for Computer Hardware Equipments (Service Assurances) :**

For all equipments except Laser Printer maximum acceptable downtime will be ONE DAY excluding holidays.

For Laser Printers maximum allowable downtime will be ONE WEEK. However, the Firm shall provide an *equivalent* stand by laser printer for organization's use until it's printer is repaired and placed back in service.



## **g) Performance & failure Penalty**

### ***i) for WAN items / Leased lines:***

If the problem is not resolved within resolution time *Service provider* will attract the penalty as under:-

1. Up to 3 working hours after the expiry of resolution time - No Penalty
2. Up to 24 working hours after the expiry of resolution time - Rs.200/- per hour per line.
3. When fault of any Equipment could not be rectified by the *Service provider*, Organisation can hire the services of third party expert to repair the fault and charges of such repairs will be solely borne by the *Service provider*.

### ***ii) for Computer Hardware Equipments***

Penalty for completing the calls after the time as indicated above will be as follows:

<b>Item</b>	<b>Penalty</b>
Servers	Rs. 500/- per working day.
Client Computers	Rs. 75/- per working day.
Laptops	Rs.75/- per working day.
Laser printers	Rs. 100/- per working day.
Colour laser printer	Rs. 150/- per working day.
Dot-matrix printer	Rs. 50/- per working day.
Deskjet printer	Rs.100/- per working day.
LCD Projector	Rs. 300/- per working day.
LAN nodes, Hubs and Switches	Rs. 500/- per working day.
Scanner	Rs. 100 per working day
UPS	Rs. 500 per working day

## **h) Preventive Maintenance (PM) Penalty:**

Penalty on failure of scheduled PM would be as follows:

1. Rs.200/- Per PM – for Client Systems.
2. Rs.500/- Per PM – for Server Systems.
3. Rs. 200/- Per PM- for all Printers.
4. Rs. 500/- Per PM – for UPS

## **TECHNICAL BID**

The Technical bid shall be organized and submitted as per following sequence.

1. Table of Contents :- List of documents enclosed with page nos.
2. Earnest money deposit of Rs.40,000/- (Rupees Forty Thousand only) in the form of Demand Draft from any Nationalized/Scheduled Bank in favour of “Chief Controller of Explosives” payable at Nagpur shall be submitted. The firms registered with DGS&D/NSIC for the said AMC services are exempted from the payment of EMD. **In that case, documentary proof for such registration shall be furnished.**
3. Tender form fee of Rs.1000 (Rupees One thousand only) in the form of Demand Draft from any Nationalized/Scheduled Bank in favour of “Chief Controller of Explosives” payable at Nagpur shall be submitted **in case the Tender form is downloaded from Organisation’s website.**
4. The bidder's should have been carrying out SYSTEMS INTEGRATION for WAN, Maintenance of Computer Hardware/LAN and related services in India **for at least past three years** (submit documentary evidence) with point of presence in all the Cities as mentioned in Annexure-3 (PESO offices) by having their own office on same station or covered by their near by town office which could be within approximately 300 kms from the particular station. The name of the persons, telephone numbers, mobile numbers, e-mail ID etc. at various locations should be enclosed duly signed by the Firm.
5. The bidder should have earlier experience as Systems Integrators for WAN for at least 30 locations, for a single customer. (Give supportive documents regarding details of Major projects implemented).
6. The bidder's turnover work within India should **at least be Rs. 100 crores**, during the financial year 2010-2011 & 2011-2012. (Submit turnover certificate)
7. The bidder should be holding ISO 9001 certification for the service of maintenance of Computer Hardware, WAN and allied services. (Submit documentary proof)
8. Bidder shall submit the *Order copies* from at least 5 customers of WAN and Computer Hardware maintenance along with their Names, addresses and telephone numbers.
9. Bidder shall submit *Feedback Certificates* from at least 5 customers of WAN and Computer Hardware maintenance. Adverse comments in Feedback Certificate will be treated as disqualification.
10. CST/LST/VAT registration certificates shall be submitted.
11. PAN/TAN Details shall be submitted.
12. Attested copies of Articles of Association (in case of Registered firm), By laws and certificates for registration (in case of registered co-operative Societies), partnership deed (in case of partnership firm), should be submitted along with Technical bid.
13. Certificate to the effect that all conditions mentioned under the Heads *General Conditions, Description of Work* and *Scope of Work* will be agreed to.

## **Commercial Bid**

Commercial bid, should be submitted in a *separate sealed* cover as per the format given in **Annexure-VI**.

### **The tender bids should be submitted as follows: -**

- (a) Technical bid in a separate sealed cover, containing documents satisfying all eligibility conditions. This envelope should be superscripted "TECHNICAL BID".
- (b) Commercial bid, should be submitted in a separate sealed cover containing documents as per **Annexure-VI** and should be superscripted "COMMERCIAL BID".
- (c) The outer cover in which above two sealed covers are placed should be addressed to the 'Chief Controller of Explosives' indicating the *COMPREHENSIVE ANNUAL MAINTENANCE CONTRACT OF Systems Integrators for WAN along with Computer Hardware and Equipments (2013-14)*.
- (d) The sealed cover containing Technical Bid will be opened in the first instance in the presence of an authorized representative of the bidder. Only one representative per bidder would be permitted to be present at the time of opening the technical bid. Firms will be short listed by a duly constituted Tender Evaluation Committee (TEC), on the basis of technical parameters.
- (e) Rates should be inclusive of all taxes including Service Tax.
- (f) Rates/Quotes showing break-up (Base Price + Tax) will be disqualified.

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**ANNEXURE – I****Details of Leased Lines provided by BSNL/MTNLand STPI**

<b>S.No.</b>	<b>Location End 'A'</b>	<b>Location End 'B'</b>	<b>Bandwidth</b>
1.	Nagpur	Mumbai	2 Mbps
2.	Nagpur	Kolkata	2 Mbps
3.	Nagpur	Agra	2 Mbps
4.	Nagpur	Chennai	2 Mbps
5.	Nagpur	Faridabad	2 Mbps
6.	Nagpur	Allahabad	512 Kbps
7.	Nagpur	Asansol	512 Kbps
8.	Nagpur	Baroda	512 Kbps
9.	Nagpur	Bhopal	512 Kbps
10.	Nagpur	Bhubaneshwar	512 Kbps
11.	Nagpur	Chandigarh	512 Kbps
12.	Nagpur	Cochin	512 Kbps
13.	Nagpur	Dehradun	512 Kbps
14.	Nagpur	Gondkherey (Nagpur)	512 Kbps
15.	Nagpur	Guwahati	512 Kbps
16.	Nagpur	Hyderabad	512 Kbps
17.	Nagpur	Jaipur	512 Kbps
18.	Nagpur	Mangalore	512 Kbps
19.	Nagpur	Patna	512 Kbps
20.	Nagpur	Raipur	512 Kbps
21.	Nagpur	Ranchi	512 Kbps
22.	Nagpur	Sivakasi	512 Kbps
23.	Nagpur	Sivakasi FRDC	512 Kbps
24.	Nagpur	Vellore	512 Kbps
25.	Nagpur	Wardha	512 Kbps
26.	Nagpur	Mumbai MPLS	1 Mbps
27.	Nagpur	Kolkata MPLS	1 Mbps
28.	Nagpur	Agra MPLS	1 Mbps
29.	Nagpur	Chennai MPLS	1 Mbps
30.	Nagpur	Faridabad MPLS	1 Mbps
31.	Nagpur MPLS Bandwidth		4 Mbps
32.	BSNL Internet Leased line		6 Mbps
33.	STPI Internet Leased line		8 Mbps

**ANNEXURE-II****WAN Hardware Equipments Installed at Various Offices of PESO**

Location	Router and make
Nagpur	<b>1 No. of Cisco 7206 VXR/NPE-G1 3Gig/FE/E Router</b>
Other PESO Offices	16 Nos of Cisco 2811 Routers at various PESO offices
	6 Nos of Cisco 2911 Routers at various PESO offices
	3 Dasan Vertex 1502 T Routers at various PESO offices

**ANNEXURE-III****List of Various Offices of PESO Located Across the Country**

Sr. No.	Location	Office	Address	Telephone/Fax Nos.
<b>A. Head Office</b>				
01	<b>Nagpur</b>	HQ	Chief Controller of Explosives, Petroleum And Explosives Safety Organisation, Block "A", 5 <sup>th</sup> Floor, C.G.O. Complex, Seminary Hills, Nagpur, 440 006(M.S.)	STD Code (0712) 2510248, 2510580 2510459, 2510389 2510072, 2512091 2512092, 2512093 2512094, 2511512 Fax No. -2510577
02	<b>Gondkhairy, Nagpur</b>	Departmental Testing Station (DTS)	Dy. Chief Controller of Explosives, Departmental Testing Station, 18 K.M. Stone, Amravati Road, Gondkhairy, Nagpur - 440 023(M.S)	STD (07104) 280565, 240242 Fax No.- 240304
<b>B. West Circle</b>				
03	<b>Navi Mumbai</b>	Circle Office	Joint Chief Controller of Explosives, A-1 & A-2 Wing, 5 <sup>th</sup> Floor, C.G.O. Complex, CBD Belapur, Navi-Mumbai 400614. (M.S.)	STD Code (022) 27564941(D) 27573881 EPBX No.-27575946 Fax No.- 27575967
04	<b>Baroda</b>	Sub-Circle Office	Dy. Chief Controller of Explosives, 8th Floor, Yash Kamal Building, Sayajigunj, Baroda-390001 (Guj)	STD Code (0265) 225159
05	<b>Wardha</b>	Field Office	Controller of Explosives, Geetai Nagar, Opp. Dhuniwales Math, Nagpur Road, Gopuri, Wardha 442001 (M.S.)	STD Code (07152) 245006 Fax No.-230370
<b>C. East Circle</b>				
06	<b>Kolkata</b>	Circle Office	The Joint Chief Controller of Explosives, 8 Explanade East, 1 <sup>st</sup> Floor, Kolkata 700069 (W.B.)	STD Code (033) 22480427, 22486600, 22489524 Fax No.-22439322
07	<b>Asansol</b>	Sub-Circle Office	Dy. Chief Controller of Explosives, Manmathanalaya, 93, S.B. Gorai Road, P.O. Asansol, Dist. Burdwan, 713301 (W. B.)	STD Code (0341) 2283834 , 2283697, 2214067 Fax No.-2202134
08	<b>Guwahati</b>	Sub-Circle Office	Dy. Chief Controller of Explosives, GNB Road, Bhuyan Manson, 4 <sup>th</sup> Floor, Panchwati, Silpukhari, Guwahati 781003 (Assam)	STD Code (0361) 2662783 Fax No.-2662503
09	<b>Ranchi</b>	Sub-Circle Office	Sri Mohan, 3rd Floor, Sita Compound, 5 Main Road, Behind Sushila Automobiles, Ranchi (Jharkhand) - 834001	STD Code (0651) 2332689 Fax No.- 2332688
10	<b>Bhubaneswar</b>	Sub-Circle Office	F-35/A, BJB Nagar Bhubaneswar-(Odisha) - 751014	STD Code (0674) 2433370 Fax No.- 2430656
11	<b>Patna</b>	Sub-Circle Office	Mahabir complex, 1st floor, Adarsh Colony, Road No. 2, Khemnichak, P.O. New Jaganpura Patna-(Bihar) – 800027	STD Code (0612) 2390914, 2390913

<b>D. South Circle</b>				
12	<b>Chennai</b>	Circle Office	Jt. Chief Controller of Explosives, No. 140, Rukhmini Laxmipati Road, Marshalls Road, Egmore, Chennai 600008 (T.N.)	STD Code (044) Tel: 28510805, 28515464, 28419529, 28429945-47 Fax No.- 28514848
13	<b>Ernakulam</b>	Sub-Circle Office	Dy. Chief Controller of Explosives, C 2-IIIrd Floor, CGO Complex, Kakkannad, Ernakulam-(Kerala) -	STD Code (0484) Tel.: 2427286, 2427276 Fax No. 2427276
14	<b>Mangalore</b>	Sub-Circle Office	2nd Floor, City Centre, Opposite Hotel Roopa, Balmatta Road, Mangalore-(Karnataka) - 575 001	STD Code (0824) 2520167, 2441588 Fax No.-2423937
15	<b>Sivakasi</b>	Sub-Circle office	FRDC Complex, Near ESI Hospital, Sivakasi West Sivakasi-(Tamil Nadu) - 626124	STD Code (04562) 254402, 254 253 Fax- 255 233
16	<b>Vellore</b>	Field Office	Controller of Explosives, No 3, 5 <sup>th</sup> East Cross Road, Gandhi Nagar, Katpadi, Vellore 632006 (TN)	STD (0416) 2241642 Fax No.- 2242513
17	<b>Hyderabad</b>	Sub-Circle Office	Dy. Chief Controller of Explosives, Kendriya Sadan, 1 <sup>st</sup> Floor, Sultan Bazar, Koti, Hyderabad 500195 (A.P.)	STD (040) 24600359 Fax No. 24617863
18	<b>FRDC Sivakasi</b>	Research Centre	FRDC Complex, Near ESI Hospital, Sivakasi West Sivakasi - 626124	STD Code (04562) 230233
<b>E. Central Circle</b>				
19	<b>Agra</b>	Circle Office	Jt. Chief Controller of Explosives, 63/4, A-Wing, 2 <sup>nd</sup> Floor, C.G.O. Complex, Sanjay Palace, Agra 282 002 (U.P)	STD (0562) 2523244, 2523266 Fax No.- 2527436
20	<b>Allahabad</b>	Sub-Circle Office	House No.326, Kamla Nagar, Near Abkari Chauraha, Stanely Road Allahabad-(Uttar Pradesh) - 211002	STD (0532) 2250329 Fax No.- 2644964
21	<b>Bhopal</b>	Sub-Circle Office	E-7/41, Lala Lajpatrai Society, Near 12 No. Bus Stop, Arera Colony Bhopal-(Madhya Pradesh) - 462016	STD (0755) 2445270 Fax No.- 2429 997
22	<b>Dehradun</b>	Sub-Circle Office	42/1, Indira Nagar, Near, Asian School, Dehradun Dehradun (Uttarakhand) - 248006	STD (0135) 2769780 Fax No.- 2769794
23	<b>Raipur</b>	Sub-Circle Office	Avanti Vihar Colony, Main Road, Near Nala, Raipur Raipur (Chhattisgarh) - 492006	STD (0771) 2442204, 2442110
<b>F. North Circle</b>				
24	<b>Faridabad</b>	Circle Office	Jt. Chief Controller of Explosives, Hall No. 502 & 507, Level 5, Block B Old CGO Complex, NH-4 Faridabad -121001	STD (0129) 2410734, 2410730 Fax No.- 2410733
25	<b>Chandigarh</b>	Sub-Circle Office	Dy. Chief Controller of Explosives, Shop cum office building, 1134/1135, Sector 22/B, Near Pikadali Cinema, Chandigarh 160 002	STD (0172) 2702586, 2727234 Fax No.- 2725839
26	<b>Jaipur</b>	Sub-Circle Office	Dy. Chief Controller of Explosives, Amrapali Road, Near Power House, Vaishali Nagar, Jaipur 302021 (Raj.)	STD (0141) 2356781, 2356731 Fax No.- 2356781

**Office wise List of Computer Hardware (2013-14)**

**Annexure -IV**

Office	PCs	LAPTOP	SERVER	Printer			SCANNER	LAN SWITCH HUB	ROUTER	ISDN Modem	ISDN NT1	UPS				PROJECTOR	
				DMP	Deskjet	Laser						Make	Qty	Remarks	Total		
				TOTAL	TOTAL	TOTAL											
1	Agra	26	4	1	1	0	20	1	2	1			Accel	1	3 KVA	4	1
													POWER ONE	1	5 KVA		
													NUMERIC	2	5 KVA		
2	Allahabad	7	1	0	0	3	6	1	2	1	0	0	NUMERIC	1	5 KVA	1	0
3	Asansol	6	2	0	1	3	3	1	1	1	0	0	NUMERIC	1	5 KVA	1	0
4	Baroda	6	2	0	0	4	5	1	1	1	0	0		1	5 KVA	1	0
5	Raipur	4	0	0	0	0	3	0	1	1	0	0	NUMERIC	1	5 KVA	1	0
6	Bhopal	9	0	0	0	2	5	0	1	1	0	0	VINITECH	1	3 KVA	2	1
													NUMERIC	1	5 KVA		
7	Chandigarh	14	2	0	0	0	8	1	1	1	0	0	VINITECH	1	3 KVA	2	0
													NUMERIC	1	5 KVA		
8	Chennai	19	5	1	4	2	9	0	3	1	1	1				3	1
													NUMERIC	2	5 KVA		
													POWER ONE	1	5 KVA		
9	Cochin	12	1	0	1	2	8	0	1	1	0	0		1	3 KVA	2	0
													1	5 KVA			



10	Faridabad	25	5	0	0	0	18	0	2	1	0	0	VINITECH	1	5 KVA	5	1
													NUMERIC	3	5 KVA		
													POWER ONE	1	5 KVA		
11	Patna	5	0	0	1	0	4	0	2	1	0	0	NUMERIC	1	5 KVA	1	0
12	Guwahati	14	1	0	2	5	4	1	1	1	0	0	VINITECH	1	3 KVA	2	0
													HPC	1	5 KVA		
13	Ranchi	6	1	0	0	0	5	1	1	1	0	0	NUMERIC	1	5 KVA	1	0
14	Hyderabad	6	2	0	0	1	9	0	1	1	0	0	NUMERIC	1	5 KVA	1	0
15	Jaipur	9	1	0	0	0	6	0	1	1	0	0	NUMERIC	1	5 KVA	1	1
16	Kolkata	35	3	1	0	0	25	0	3	1	0	0	POWER ONE	1	5 KVA	3	1
													NUMERIC	2	5 KVA		
17	Dehradun	3	0	0	0	0	4	0	1	1	0	0	NUMERIC	1	5 KVA	1	0
18	Mangalore	7	3	0	0	3	5	0	1	1	0	0	HIYKON	1	7.5 KVA	1	1
19	Mumbai	35	4	0	0	25	10	1	3	1	1	1	NUMERIC	2	5 KVA	2	1

20	Bhubaneswar	12	1	0	2	2	5	1	1	1	0	0	NUMERIC	1	5 KVA	1	0
21	Sivakasi	9	2	0	0	0	6	1	1	1	0	0	NUMERIC	1	5 KVA	1	0
22	Sivakasi FRDC	6	1	0	0	0	5	0	1	1	1	1	MATRIX	1	10 KVA	1	1
23	Testing Station, Gondkairy, Nagpur	5	3	0	1	0	17	0	1	1	0	0		2	5 KVA	2	1
24	Vellore	6	0	0	1	0	2	0	1	1	0	0		1	5 KVA	1	0
25	Wardha	5	0	0	1	1	3	0	1	1	0	0	NUMERIC	1	5 KVA	1	0
26	Nagpur	30	12	13	1	2	40	0	9	1	0	0	VINITECH	1	7.5 KVA	5	0
													NUMERIC	3	7.5 KVA		
													NUMERIC	1	5 KVA		
	<b>Total</b>	<b>321</b>	<b>56</b>	<b>16</b>	<b>16</b>	<b>55</b>	<b>235</b>	<b>10</b>	<b>44</b>	<b>26</b>	<b>3</b>	<b>3</b>				<b>47</b>	<b>10</b>
Office	PC TOTAL	LAPTOP TOTAL	SERVER TOTAL	Printer			SCANNER TOTAL	LAN SWITCH HUB	ROUTER TOTAL	ISDN Modem TOTAL	ISDN NT1 TOTAL	UPS				PROJECTOR TOTAL	
				DMP	Deskjet	Laser						Make	Qty	Remarks	Total		

**ANNEXURE-V****Configuration of Various Servers/Client Machines/Routers**

<b>S.N.</b>	<b>Name of item</b>	<b>Qty.</b>
1.	<b>WIPRO NETPOWER 5210B SERVERS</b> PIII 800 MHZ (256K) SLOT-1, 256/512 MB PC 100 UUBURRERED 160MBPS 5*9, 1 GB 80PIN 160 MBPS 7200RPM, 40X SCSI CDROM DRIVE, 10/100 MBPS INTEL ETHERNET CARD, 4/8GB DAT DRIVE, 80 MBPS SCSI PID CONTROLLER, 20MBPS SCSI CONTROLLER CARD, N-B HOTSWAP KIT NP510B/NP 7220B, 104 KEYS TVSE KEYBOARD, MOUSE INTELLI 3 BUTTON PS2	<b>8</b>
	<b>HCL INFINITI GLOBALLINE 2700 HN SERVERS</b> INTEL XEON CPU 2.8 GHZ, 2GB/6GB/7GB RAM, SEAGATE SCSI HDD RAID CONTROLLER, SCSI CD/DVD ROM, HP C5683A TAPE DRIVE, WINDOWS 2000/2003 SERVER	<b>7</b>
	ONE HCL INFINITY GLOBALLINE 2700ST <b>SERVER-</b> LSI20320-R ICH U320 W/IM LP SCSI CARD, KIT RAID SAS LSI 8708 8P, 16V DVD ROM, 146GB SAS 15KRPM 16 MB BUFFER 3.5 HDD, TANDBERG LTO3 HH LVD INTERNAL TAPE DRIVE, MEM 2GB DDR2 FBD ECC 667 MHZ	<b>1</b>
2.	<b>HP LAPTOPS-</b> HP TC 4400 TABLET PC- GY268PS ACJ, INTEL CORE 2 DUO 1.83 GHX, 80 GB SATA HDD DDR2 2GB PC2- 6400 MEMORY MODULE, EXTERNAL MULTIBAY 9.5MM DVD +/-RW DRIVE, HP WEBCAM 1.3MP, WINDPWS XP TABLET PC EDITION	<b>25</b>
	DELL LATITUDE SERIES E6400 <b>LAPTOPS –</b> INTEL CENTRINO CORE 2 DUO T9400 (2.53 GHZ, 6MB L2 CASHE, 1066 MHZ FSB), 2 GB DDR2 667, 250 GB SATA, INTEGRATED SD CARD READER, DUAL LAYER DVD WRITER, WEB CAMERA, 14" XGA, GIGABITE ETHERNET, WLAN WITH WINDOWS VISTA BUSINESS	<b>30</b>
	ONE IBM <b>LAPTOP</b>	<b>1</b>
3.	<b>HCL INFINITY PRO SERIES COMPUTERS-</b> INTEL CORE 2 DUO E7300 (2.66GHZ, 3 GHZ 3MB L2 CACHE, 1333 MHZ FSB) 2GB DDR2, 4 GB DDR2 800 MHZ OR HIGHER, 250GB/320 GB OR HIGHER HDD, TCO-03 CERTIFIED 17" TFT COLOR MONITOR, DVD WRITER, GIGABITE ETHERNET PORT, 4USB, KEYBOARD AND OPTICAL MOUSE, WINDOWS VISTA, WINDOWS 7.	<b>248</b>
	<b>OTHER COMPUTERS - WIPRO CLIENT MACHINES (P-III)</b> WIPRO SUPERGENIUS 9815E, PIII 866 MHZ(256K) FCPGA PROC, 192MB SDRAM DIMM PC133, 10GB ATA66 IDE HDD, 10/100 MBPS COMPEX W/O BROM, 4MB AGP CARD, WINDOWS 98 (COA+MANUAL+MEDIA), PHILIPS VM SPEAKER, MIC, 1.44MB FLOPPY DISK DRIVE, 52XSD IDE COROM DRIVE, 104 KEYS TVSE KEYBOARD, MOUSE INTELLI 3 BUTTON	<b>62</b>
	<b>OTHER COMPUTERS - HCL MAKE CLIENT MACHINES, P-IV,</b> 1.60 GHz, 128 MB DDR SDRAM, 52X MAX CDROM, HCM580M 15" COLOUR MONITOR, 104 KEYS KEYBOARD, OPTICAL	

	MOUSE (5 BUTTON), INTEL 845 CHIPSET, AGP CARD 4X, 1.4 FDD, 40GB HDD, INTEGRATED 10/100 MBPS PCI 32 BIT, <b>OTHERS COMPUTERS ACER CLIENT MACHINES,</b> PENTIUM-IV 1.5GHZ, INTEL I845D CHIPSET, 128 MB DDR SDRAM, RAGE 128 PRO VIDEO ADAPTOR, ACER 15" CRT MONOTOR, CREATIVE SB AUDIO 64V SOUND CARD, 10 GB HDD, STANDARD 101/102 KEY KEYBOARD, HID-COMPLIANT MOUSE, INTEL PRO /100 VE NETWORK ADAPTOR	
	<b>IBM/Other Client Machines,</b> P-IV, 3.06GHz, Intel 915 80GBHDD,1.44FDD,DVDCCombo,17"Colour Mon.	<b>11</b>
4.	<b>Laser Printer models</b> HP 3015DN = 80, HP 2420D/2015D/2055DN=30; Samsung SCX 4824FN (All-in-one) = 24 WEP2055=5; HP 3055 All-in-one =13; HP 1536 DNF= 19, HP 1522NF=13, HP 1020/1022 (small)= 14 Panasonic KXFL422CX=1, Xerox WorkCentre Pro 420 All-in-one=1 <b>HP COLOR CP2025=1; HP COLOR CP1515N=3, Xerox PE16 All-in-one = 1;</b> SHARP ALL IN ONE AR5320=1; HPCB 537A=1;Cannon=3; HP P1505=10; and other HP makes.	<b>235</b>
5.	<b>CISCO 7206 VXR ROUTER with NPE G1 includes 3 Gig /FE/E/ PORTS AND SW, 2 PORT MULTICHANNEL E1 PORT ADAPTER WITH G.703 120 OHM INTERFACE</b>	<b>1</b>
	<b>CISCO 2811 HSEC/K9 ROUTERS-</b> 2811 Bundle w/AIM VPN/ SSI – 2 ADV, IP SERV, 10 SLLIC 64F/256D, 1 PORT ISDN WAN INTERFACE , 2 PORT SERIAL WAN 256 MB DDR DRAM , SMARTNET 8X5XNBD 2811 SECURITY BUNDLE	<b>16</b>
	<b>CISCO 2911 ROUTERS</b>	<b>6</b>
	DASAN VERTEX 1502T ROUTERS	<b>3</b>
6.	<b>PROJECTORS-</b> TOSHIBA TLP-B2 ULTRA SE=5 PHILLIPS HOPPER SV 20 IMPACT=1 EPSON EMP 83 H=1 SANYO PRO XTRAX MULTIVERSE=1 HCL TLPB2U=1; ACER=1	<b>10</b>

**Note:** In case of doubt about configuration, a bidder may visit the O/o Chief Controller of Explosives, Nagpur, before submitting Tender Form, to assess the configuration itself.

ANNEXURE – VICommercial Bid

S.No.	Description	Qty (Nos.)	Unit Rate (Rs)	Total Amount (Rs.) (Inclusive of all taxes, without break-up)
1.	<b>CISCO 7206 VXR ROUTER</b> (Main Router at Nagpur HQ)	1		
2.	<b>CISCO 2811 ROUTERS</b>	16		
3.	<b>CISCO 2911 ROUTERS</b>	6		
4.	DASAN VERTEX 1502T ROUTERS	3		
5.	ZyXel Make ISDN TA	3		
6.	ZyXel ISDN NT1	3		
7.	Leased Line up keeping charges	33 Lines		
8.	Servers	16		
9.	PCs	321		
10.	Laptops	56		
11.	Printers	DMP	16	
		Deskjet	55	
		LaserJet	135	
		LaserJet All-in-one (MFDs)	100	
12.	Scanners	10		
13.	UPS	3 KVA	5	
		5 KVA	36	
		7.5 KVA	5	
		10 KVA	1	
14.	LCD Projector	10		
15.	LAN Switches/Hubs (Work includes attending to all LAN nodes)	44		
<b>TOTAL Amount (Rs.) #</b>				

# The cost shall include the expenditure on **7 full time resident engineers**. One as a full time WAN resident engineer to be posted at Head Office at Nagpur and 6 as Computer Hardware Resident Engineers to be posted at the 5 Circle Offices of PESO located at Agra, Chennai, Faridabad, Kolkata & Mumbai and Head Office at Nagpur.