

TENDER FOR : DESIGN, SUPPLY, INSTALLATION AND MAINTENANCE OF CCTV SURVEILLANCE SYSTEM ON 5 YEARS LEASE BASIS

TENDER NO.:BHE:IVP:HR:CCTV:TENDER:01 DATE: 13/03/2015

REQUEST FOR PROPOSAL

Bharat Heavy Electricals Ltd., Goindwal (A Govt. of India Undertaking) invites tenders from bidders who qualify as per criteria below. The tender is invited in TWO PARTS, PART- I (Techno - Commercial/Unprice) & PART- II (PRICE) for

Design, Supply, installation & maintenance of CCTV Surveillance System at BHEL, IVP Goindwal for a period of 5 years on Financial Lease (Rental & Gurantee) basis.

TENDER SECTIONS

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TENDER PARTICULARS

1. TENDER No.:BHE:IVP:HR:CCTV:TENDER:01 DATE: MARCH 13, 2015
2. The tender document may be purchased directly from the office on any working day by paying **Tender Cost of Rs. 500/-(Five Hundred only)** in cash as the cost of the tender document or the tender document can be directly down loaded from the BHEL, website.www.bhel.com and tender cost may be deposited in the form of DD favouring Bharat Heavy Electricals Limited and payable at PNB/SBI/HDFC/UNION BANK/PUNJAB &SIND BANK/ Allahabad Bank Goindwal Sahib only.
3. EMD (Earnest Money Deposit) of Rs. 1,00,000/-(Rupees One lakh only) will be deposited by the contractor towards earnest money deposit. The successful bidder's earnest money will be converted towards the security deposit and the unsuccessful bidders EMD will be refunded after 15 days' time from the date of award of the contract. EMD may be paid in the form of DD favoring Bharat Heavy Electricals limited Payable at Goindwal Sahib on any bank of SBI/HDFC/PNB/Punjab and Sind bank/Union Bank of India/ Allahabad Bank.
4. Bids submitted without EMD and Tender Cost shall be rejected
5. *The Micro and Small enterprises will be provided tender document free of cost and are exempted from EMD deposit but the MSE Bidders can avail the intended benefits only if they submit along with offer, attested copies of either EM II certificate (Attestation by Notary/Gazetted Officer) having deemed validity(Two years from the date of issue of acknowledgement in EM-II) or valid NSIC certificate or EM II certificate along with CA certificate (Format enclosed as per Annexure -F) applicable for the year, certifying quantum of investment in plant and machinery within the permissible limit as per the act for relevant status (Micro or small) where the deemed validity of EM II is over. Date to be reckoned for determining the deemed validity will be the last date of technical bid submission. Non-submission of such documents and MSE status of such Bidders shall be shifted to Non MSE Bidder till the Bidder submits these documents.*
6. Security deposit (SD): has to be deposited before the execution of the contract. Security deposit shall not carry any interest.
7. The security deposit calculation will be as below
 - a. For Work Award Value Upto Rs. 10 Lakhs – SD shall be 10% of the work order value
 - b. For Work Award Value from Rs. 10 Lakhs to Rs. 20 Lakhs – SD shall be Rs. 1 lakh + 7.5% of the amount exceeding Rs. 10 lakhs
 - c. The successful bidders EMD will be converted towards security deposit and the remaining security deposit has to be deposited by the Bidder in the following form.
 - d. Security Deposit may be furnished by cash (as permissible under the income tax act) Pay order, demand draft in favour of BHEL, IVP, Goindwal, payable at Goindwal Sahib/Amritsar.
 - e. Local cheques of the scheduled banks are subject to realization.
 - f. Securities available from post office such as national saving certificate,kishan vikas patras etc,certificate should be held in the name of the contractor furnishing the security and duly pledged in favour of BHEL and discharged on the back.
 - g. Bank guarantee from the scheduled bank/public financial institutions as defined in the companies act. The bank guarantee format should have the approval of BHEL.
 - h. Fixed deposit receipt issued by scheduled banks/public financial institutions, as defined in the companies Act. THE FDR should be in the name of the contractor, A/C BHEL duly discharged on the back.
 - i. Security deposit can also be recovered @ 10 % from the running bills. However in such cases at least 50% of the security deposit should be collected before start of the work and the balance 50% may be recovered from the running bills.
8. **L1 shall be decided on the basis of Overall lowest Tender Value.**
9. There shall be no counter-offer.

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IMPORTANT DATES

Start date of Sale of tender Document	March 13, 2015	9:00 Hrs
End of Sale of Tender Document	April 3, 2015	14:00 Hrs.
Due Date of submission	April 3, 2015	14:00 Hrs.
Due date of Opening of Technical Bid	April 3, 2015	15:30 Hrs.

INSTRUCTIONS FOR SUBMITTING OF THE TENDER DOCUMENT

1. The Tender documents should be duly signed and stamped by the bidder in each and every pages .Techno-Commercial bid form dully filled along with the tender document should be kept in one sealed envelope and should be super scribed as Techno Commercial bid(Tender for DESIGN, SUPPLY, INSTALLATION AND MAINTENANCE OF CCTV SURVEILLANCE SYSTEM FOR BHEL, IVP GOINDWAL) Tender No:....., Due date of Opening.....
2. The Price bid duly filled and signed by the bidder should be kept in one sealed envelope and should be super scribed as Price bid (Tender for DESIGN, SUPPLY, INSTALLATION AND MAINTENANCE OF CCTV SURVEILLANCE SYSTEM FOR BHEL, IVP GOINDWAL. Tender No.....
3. EMD demand draft should be kept in one sealed envelope and should be super scribed as EMD(Earnest Money Deposit) for DESIGN, SUPPLY, INSTALLATION AND MAINTENANCE OF CCTV SURVEILLANCE SYSTEM FOR BHEL, IVP GOINDWAL.
4. All these three envelope should be kept in one big sealed envelope and should be super scribed as Tender For DESIGN, SUPPLY, INSTALLATION AND MAINTENANCE OF CCTV SURVEILLANCE SYSTEM FOR BHEL, IVP GOINDWAL. , Tender Number,due date of opening.....
5. Tender cost whether cash receipt/DD may be enclosed along with the Technical Commercial bid.
6. Tender Document may be neatly filled in handwriting, no overwriting/cutting or tampering is allowed. In case of any correction, it should be acknowledged by the bidder.
7. Any clarification regarding understanding the terminology of the tender document, submission of bid, may be addressed to the following Officials of BHEL/IVP Goindwal.

Sh.Tajinder Singh, SDGM (HR, CIVIL & MM),
Phone. No – 01859-224-621/622, Email Id:ts@bhelivp.in.

Sh Vishal Devgon, Sr. Manager (It, HR, P&D)
Phone: 01859-224623, email Vishal@bhelivp.in

8. Tender Submission: Tender has to be submitted in the 'Tender Box' Available at the Admin Building of BHEL, IVP, Goindwal.

Or Through Registered Post/Speed Post at the following address

HEAD /HR
BHEL, INDUSTRIAL VALVES PLANT
433, INDUSTRIAL COMPLEX
GOINDWAL SAHIB, DISTT. TARN TARAN- 143422,
PUNJAB, INDIA

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BHARAT HEAVY ELECTRICALS LIMITED
INDUSTRIAL VALVES PLANT
GOINDWAL – 143422, PUNJAB

**TENDER FOR : DESIGN, SUPPLY, INSTALLATION AND MAINTENANCE OF CCTV SURVEILLANCE SYSTEM ON 5
YEARS LEASE BASIS**

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I/we hereby declare that all the terms and conditions given above are accepted by me/us.

Name

Address

(Signature of authorized signatory of the Bidder)

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1.0 PRE-QUALIFICATION CRITERIA:

PRE-Qualification Criteria for Design, Supply, installation & maintenance of CCTV Surveillance System at BHEL, IVP Goindwal for a period of 3 years on Financial Lease (Rental and Guarantee) basis.

- 'Bidder' means the Original Equipment Manufacturer [OEM] / System Integrator who is offering the wired based CCTV surveillance system for this tender.

- The Bidder shall fulfill the qualification criteria points [Sl.no. 1.1 to 1.5], which shall be supported by necessary documents. Relaxation of qualification criteria points will not be entertained under any circumstance. Hence bidders who do NOT comply with one or more of the qualification criteria NEED NOT apply.

Sl.No	Description	Bidder's Compliance (Y/N)
1.1	Bidder should be either Original Equipment manufacturer or should be Authorized System Integrator having direct purchase and support agreement with the OEM for IP based wired/ wired CCTV security surveillance system including cameras, software, wired components like base stations, switches, servers and storage systems quoted for this tender. In case the bidder is a system Integrator, a valid certificate/authorization letter from the Authorized Representative of the OEM/ Principal Manufacturer to quote exclusively for this specific tender is to be submitted.	
1.2	The bidder should have turnover of at least 5 Lakhs per annum in past 2 financial years in the field of business for CCTV security surveillance system or company turnover of 10 lakhs per annum in the last 2 financial years. Audited Balance Sheet/Certificate from bankers/chartered accountant/IT return to this effect shall be submitted along with the offer.	
1.3	The bidder should have dealt in Supply & Installation work in CCTV wired/ wired security surveillance system at least Once in the last 5 years from the date of tender enquiry, catering to 10 or more IP based CCTV cameras (Fixed type outdoor IR cameras). The purchase order for the mentioned project should be on the name of bidder. The Purchase order copy of the mentioned project and its performance certificate from the customer should be submitted along with the technical offer.	
1.4	The Bidder should have Registered and Incorporated office in India (Evidence should be submitted). Alliance/liaison office in India shall not be accepted.	
1.5	Bidder and OEM should have a clean track record, i.e. The bidder should not be under hold or blacklist by any of the BHEL units or any other PSU or Government Organisation as on bid opening date. To this effect, a declaration should be given by the bidder.	

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BHARAT HEAVY ELECTRICALS LIMITED
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GOINDWAL – 143422, PUNJAB

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The Bidder shall Provide information for the below listed points along with the technical offer for verification & Confirmation. This should be supported by necessary Documents.

Sl.No	Description	Bidder's Response
i	Number of Years of Experience of the BIDDER in the field of design, supply, installation and commissioning of 'CCTV Surveillance system' till date.	
ii	'CCTV security surveillance system' supplied, installed and commissioned till date for the following category of CUSTOMERS	
	a) Heavy Industries such as Oil & Gas Refineries, Steel industries etc., b) Powerplants or Processing Industries c) Airports, Harbours etc., c) Other areas.	
iii	BIDDER has to co-ordinate for the visit of BHEL Team (at BHEL Cost) to their Customer's Works, to witness the capability of an existing 'CCTV system' if warranted.	
iv	Details on International Standards / Process Codes followed in Design of the CCTV system. [Copy of the English Version of relevant portion of the Standards / Codes followed, to be furnished with the Technical Offer]	
v	Details on Performance Testing of the CCTV system quoted to be given with the Technical Offer	
Vi	BIDDER has to indicate the Country of Origin for the supply of materials/ components/accessories for the proposed IP (server) based wired CCTV system.	
Vii	Bidder should furnish all Technical Documents pertaining to Cameras, NVR, Servers to be supplied.	

I/we hereby declare that all the terms and conditions given above are accepted by me/us.

Name

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(Signature of authorized signatory of the Bidder)

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2.0 FINANCIAL LEASE, RENTAL AND GUARANTEE SCHEME:

Financial Lease (Rental and guarantee) Period under the scheme shall be for 5 years and the Total Price shall be for the complete scope as per technical specifications, inclusive of comprehensive on-site maintenance including repair/replacement of parts during the entire Lease(Rental and Guarantee) period, all taxes & duties, insurance, any other incidental charges, etc. Financial Lease (Rental and Guarantee) contract Period of **Five years** shall start from the date of successful completion of installation and acceptance by BHEL. Details of acceptance procedure and requirement are enclosed separately along with technical specifications. Bidder shall be responsible for comprehensive on-site maintenance of the supplied equipment & services during the entire Financial Lease (Rental and Guarantee) period. Payments shall be released in quarterly installments, as per Payment Terms and other Commercial Terms & Conditions.

3. BHEL, IVP GOINDWAL' S - CCTV surveillance system

BHEL Goindwal intends to install and commission campus wide CCTV cameras for continuous monitoring and surveillance at all areas of BHEL/Goindwal and complex. The system shall be installed at various locations of factory premises.

The locations where the CCTV cameras along with the type is listed in ANNEXURE-A.

A dedicated networking system wired network has to be established and the video data has to be continuously transmitted via the wired network to the monitoring central control room. The 18 cameras needs to be online with the dedicated wired data communication network. 18 cameras have to be installed at BHEL complex and the cameras has to be connected via wired based network and the video data has to be continuously transmitted via the wired network to the monitoring central control room at BHEL/.

The Total operation of the hardware & software items for the said system is to be executed by the Bidder. The output of this system will be input for Security Department. The data's should be recordable in a DVD/pendrive as and when required by the security. Threats for hacking the data should be completely avoided. Any loss of video information recorded at the 18 cameras is the responsibility of the Bidder. The infrastructure is proposed to be built in such a way that it is scalable and can take up emerging requirements in terms of camera's quantity in future. The Bidder has to assess the site thoroughly and quote. Soil tests has to be taken up by the Bidder and the lay-out drawings has to be approved by BHEL. The cameras locations will be provided by BHEL. Bidder is supposed to design a total system of networking which involves wired networking for interlinking the total subsystems including cameras, switches, etc. for the total system

3.2 Expectations from Bidder

M/s BHEL, IVP Goindwal has an area of about 12.5 acres where the cameras are to be widely distributed. Bidders are expected to visit BHEL/IVP campus before submitting their bid. Bidders should inform themselves fully about the tender requirements.

Bidder is expected to Design, Supply, Install, Commission and Maintain the entire CCTV Surveillance System comprising of 18 Cameras and perform according to the performance specifications laid down in this tender document.

Bidder is required to give a total system & services as per specifications enclosed. The full working of the system from various shop floor areas gates, stores, and open yards is to be implemented. All

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equipment and services is the responsibility of the Bidder. In case, any extra item is required for complete functioning of the system, the same must be included and shall be quoted as a package. Bidder is to give in detail the methodology for implementation of the proposed system.

4 PAYMENT TERMS

Lease period will start after issue of Successful Commissioning Certificate by BHEL Goindwal. The payment of Financial Lease (Rental and Guarantee) contract charges will be made on quarterly basis after completion of each quarter and submission of invoice(s) in triplicate. Payment will be released after submission of verified invoices and on certification by BHEL. Uniform rental rate will be paid in all quarters.

Bidder has to complete the installation at the locations to be identified by BHEL along with LOI/ Order. The first quarter Financial Lease (Rental and Guarantee) payment will be due after completion of the quarter from the date of successful completion of installation & acceptance by BHEL (calendar quarterly basis). An installation certificate will be issued by BHEL after completing the Acceptance Test Procedure (ATP) terms. Thereafter, payment will be made at the end of each quarter within 30-45 days of submission of bills (in duplicate).

5. DEDUCTION FOR DOWNTIME

DOWNTIME CALCULATION FOR THE SUPPLIED EQUIPMENT & SERVICES

Bidder shall be responsible for running the system at the uptime of 98% per month or higher. The deduction for downtime will be as mentioned below.

Deduction from payments will be made for non-availability of any of the equipment for any downtime of 1 Hrs or more during the entire Financial Lease (Rental and Guarantee) contract period as detailed below. The downtime will be calculated on hourly basis per quarter on 24 hours basis after allowable 2% downtime..

5.1 DOWNTIME CALCULATION

Deduction from payments will be made based on downtime of equipment(s) monitored on daily basis. The amount to be deducted will be calculated as per the deduction formula given below:

If equipment 'X' is down for > 1 Hours in a day: Say for 8 Hrs Quarterly Financial Lease (Rental and Guarantee) amount of entire system is Rs. A Then the deduction for an equipment will be: Rs. $(A / 90) * (8/24)$. Downtime calculation shall be based on 24 hours working per day for all equipments.

Downtime calculation will be applicable for non-availability of services arising because of malfunctioning of cameras, switches, network problem, PC, Servers etc. the downtime deduction shall be applicable after 2% allowable downtime per quarter.

If any equipment due to which a particular Camera is down then downtime for the period of non – availability of camera shall be calculated. If any central equipment is down then downtime shall be deducted for the entire system for the period for which system was not available.

Note:

If the uptime for any equipment falls below 98% continuously for 1 month, the equipment shall have to be replaced by the Bidder, without any extra charge.

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6 GENERAL CONDITIONS

SI No.	Description
1	All the CCTV camera's offered by the Bidder shall be from single OEM only.
2	A bidder shall submit only one bid of a single OEM for CCTV cameras.
3	The quoted product should be in the production. OEM of Cameras, Servers, NAS box/Raid backup device, Workstations, Monitors, and Switches shall be ISO firms & the offered products must be UL/CE, FCC certified and ONVIF Complied. Bidder has to confirm
4	The System integrator should have support infrastructure in spares for the OEM components stocking and Technical support. Specify the OEM Spares logistics locations in India with address.
5	Bidder should have professionals with expert level certification and also having experience of implementing / maintaining wired networking systems.
6	Bidder should fulfill all statutory and safety requirements for personnel engaged while executing the contract. Due to non-compliance of the applicable statutory provisions, if BHEL has to incur any expenditure in this regard the same will be compensated by the Bidder.

(1) The Bidder shall sign all the pages of the Tender document and all the supporting documents. Signing of the document means that the Bidder has fully understood the Tender and complies with all the requirements. In case of any deviation, it has to be brought out explicitly.

(2) Bidder shall note that the lease rental contract will be on bipartite agreement.

(3) BHEL reserves the full right to reject any bidder based on other reasons deemed fit but not mentioned above.

(4) BHEL has the right to cancel/re-float the Tender at its discretion.

I/we hereby declare that all the terms and conditions given above are accepted by me/us.

Name

Address

(Signature of authorized signatory of the Bidder)

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7 TECHNO-COMMERCIAL TERMS AND CONDITIONS			
SL NO.	DESCRIPTION	BIDDER'S COMPLIANCE YES/NO	BIDDER'S REMARKS
7.1	Financial Lease (Rental and Guarantee) contract quoted shall be inclusive of the following during the Financial Lease (Rental and Guarantee) period and shall remain FIRM without any variation till completion of the Financial Lease (Rental and Guarantee) contract: The project will be on Financial Lease (Rental and Guarantee) contract basis for 5 years period. All required hardware and software for the system shall be supplied, installed and commissioned by the Bidder. It includes the following but not limited to -		
7.2	Installation of cameras with Power supply, switches, all wiring and wired networking components, Power Supply and Backup components involved, Connectivity to the cameras including termination, data connectivity & configuration of cameras.		
7.3	Installation & configuration of Servers and Application software at central control room.		
7.4	Creation of analytics & Configuration on video management software.		
7.5	Integration of all the 18 cameras with the Video management software and proving out the control, monitoring of all the cameras from the application server and client workstation.		
7.6	Development & Customization of Application Software and reports as per BHEL requirements.		
7.7	Design, Installation, commissioning, configuration, implementation & maintenance of the complete wired CCTV system for the entire Financial Lease (Rental and Guarantee) period.		
7.8	To provide any extra report required by BHEL to carry out its day-to-day operations, during the implementation phase as well as for the complete Financial Lease (Rental and Guarantee) period, will be Bidder's responsibility. However time frame to fulfill such requirements may be decided mutually by Bidder & BHEL.		
7.9	Bidder shall coordinate all activities related to the complete system operations & monitoring as and when required and should be willing to provide technical support whenever called for.		
	18 cameras, all networking components involved in-between, application servers, L2 and L3 switches,		

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7.10	Computer hardware, software installations and configuration. Monitoring has to be provided on Any System on the LAN through proper Authentication and varied levels of access.		
7.11	All relevant software upgrades should be provided during the period of contract at free of cost and source code of all software packages shall be handed over to BHEL for future maintenance		
7.12	Any other items required/statutory requirements for wired networking to complete the system in full is under Bidder's scope.		
7.13	Freight, handling and packing charges, transit insurance, installation.		
7.14	On-site comprehensive maintenance		
7.15	On-site comprehensive Insurance covering total scope of supply and man power.		
7.16	Spares & Software/Firmware Updates		
7.17	All taxes & Duties.		
7.18	Comprehensive maintenance shall include the following : Replacement of faulty component /equipment Installation charges Cost of Maintenance Engineers and technicians Financial Lease (Rental and Guarantee) tax/right to use tax / any other statutory levies including service tax.		
7.19	On-site Comprehensive insurance covering total scope of supply and man power during the currency of the contract. The beneficiary of the Insurance should be BHEL.		
7.20	Financial Lease (Rental and Guarantee) contract will commence only after successful design, supply, installation and commissioning of the entire equipment, its interconnectivity and the expected performance of the system in all respects to the satisfaction of BHEL Engineers as per the scope of the contract. The completion of installation and commissioning shall be as per the mutually agreed ATP (Acceptance Test Plan) and shall be certified by BHEL. The installation and commissioning shall be completed in all respects within 6 weeks from the date of placement of PO.		
7.21	Spares: The Bidder shall maintain required spares to maintain the specified uptime. An inventory of critical, non-critical and consumable spares shall be stored at BHEL to carry out the maintenance during the entire Financial Lease(Rental and Guarantee) period.		
7.22	Delivery & Project Implementation Schedule The Bidder shall be responsible for timely delivery,		

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	installation & commissioning of all the Hardware/software given in the scope of supply/work at the BHEL's premises. All the Hardware/software shall be delivered and successfully installed and commissioned within 6 weeks from the date of delivery of all hardware/software. (Penalty will be levied in case of delays @ ½ % per week of delay, of total outright value of all items ordered, subject to a maximum of 10% of 5 years Lease Rental of total Ssystem.)		
7.23	All equipment supplied and installed at the stipulated locations shall be new and conforming to the contract technical specifications. Relevant test certificates, certificate of newness of equipment and any other statutory documents should be furnished. The Bidder has also to produce a certificate from his principal OEM		
7.24	Complete technical literature including specification, catalogue pertaining to the products as required, and any relevant bench mark. Results/test results are to be submitted along with technical offer.		
7.25	SHIFTING OF EQUIPMENT FROM A LOCATION TO OTHER: BHEL reserves the right to relocate the equipment(5% of the installed equipment). Bidder is responsible for Shifting of equipment from one location to another within BHEL campus and to integrate the system. However the relocation shall be done on mutually agreed basis between BHEL and the Bidder		
7.26	Uptime of 98% shall be guaranteed for the system on monthly basis. Any down time greater than equal to 2% will result in the reduction of Financial Lease(Rental and Guarantee) contract rentals on Pro rata basis		
7.27	Bidder should arrange a system for registration, monitoring and redress of all complaints during the contract period.		
7.28	Hardware upgrades during rental contract period shall provide upward compatibility at mutually agreed prices.		
7.29	The Bidder shall submit the proposed plan of execution and the methodology along with bar chart to execute the plan at the time of bid submission.		
7.30	The offers shall be evaluated based on the total Financial Lease(Rental and Guarantee) contract for 3 years for the entire scope of the tender. The total Financial Lease (Rental and Guarantee) contract are calculated based on the offered charges per Unit per		

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	Quarter.		
8	MAINTENANCE		
8.1	Maintenance service shall cover services, repairs and replacements necessary to keep the equipment in good working condition during the Financial Lease (Rental and Guarantee) period. However in case of any defect or sabotage or damage due to any reason whatsoever, the same equipment should be rectified/replaced by the Bidder within 48 hrs. of reporting of such incident. Bidder shall maintain sufficient equipment inventory onsite to rectify/replace the damaged/defective/non-functioning equipment. Periodic maintenance check should be carried out to keep the equipment in good working conditions. Maintenance will include all components, back up batteries, lens, DSP processors etc.		
9	TRAINING		
9.1	Training of BHEL personnel shall be part of the contract.		
9.2	During installation at BHEL, the associated BHEL coordinators shall be guided on the system usage. Exhaustive and detailed maintenance training shall be provided to BHEL personnel to enable BHEL to carry out maintenance after the expiry of the Financial Lease (Rental and Guarantee) period.		
10	INSTALLATION AND COMMISSIONING:		
10.1	The installation and commissioning will be in the scope of bidder. After commissioning, education and training should be provided to all the employees. Minimum required number of people should be arranged by the Bidder for successful commissioning and smooth establishment of the system.		
10.2	Bidders whoever does the site survey shall only submit their technical bid.		
10.3	Bidder shall submit their offer for BHEL Goindwal only.		
11	SCOPE OF WORK:		
11.1	Total Design, Supply, Installation and maintenance of the wired based CCTV surveillance system on 5 years lease Rental & Guarantee (R&G) contract basis <ul style="list-style-type: none"> • Design, development, manufacture, supply, assemble, transport, install all the hardware & software, configuring, testing, commissioning of wired based CCTV surveillance system as per specifications enclosed and prove the performance of complete system. The system should be able to meet the following requirements (but not limited to): <p>1. Complete wired integration of 18 cameras through Wired technology. Complete design, development, installation, commissioning of the networking</p>		

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	<p>components involved in the total system, bandwidth calculation, all statutory requirements for setting up the wired networking is under Bidder's scope</p> <p>2. Integration of all the cameras with the Video management software and continuous transfer of the videos recorded is completely under Bidder's scope. All the software requirements as per BHEL's requirements and proving out the analytics and other features as per BHEL's requirements.</p> <p>3. Integration of the cameras with the application server and the storage server and proving out the capacity of the storage server for 1 month continuous HD recording on Server.</p> <p>4. Proving out the total performance of the system from the cameras till the storage server.</p> <p>5. Power Backup of 2 hours for the entire system</p> <p>6.The system should comply with ISMS (Information security management system) requirement of IVP Goindwal</p> <p>7. Comprehensive Maintenance of entire system for a period of 5 years and maintaining 98% uptime.</p>		
11.2	All the cameras are mounted on the pole or wall of gates with suitable fixtures to monitor vehicle movements and Person movements.		
11.3	Poles for the cameras, where required (5m high from ground level), is under Bidder's scope. All the related civil works is under Bidder's scope.		
11.4	The Bidder has to assess the site thoroughly and quote. Soil tests has to be taken up by the Bidder and the layout drawings has to be approved by BHEL.		
11.5	Single Phase 230V ($\pm 3\%$), 50 Hz ($\pm 3\%$) power for equipment supply will be provided by BHEL at the nearest place for each location mentioned in the annexure-A. Bidder will have to distribute the power wherever needed for the devices. Any cabling to that effect will have to be arranged by the bidder using ISI marked cables, switches and sockets.		
11.6	Supply and laying of all the Cables on the wall/pole/Tower/ground (Power, Data and Video) will be under the Bidder's Scope. The cable shall be laid underground at a depth of 0.8metre, in 1.5" diameter HDPE (High density polyethylene) pipe. Each run of cable shall be run through separate HDPE pipe. Cable route markers shall be used at intervals of 50 meters		

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	and at turning points. Underground cable laying involves laying in soft soil, hard soil, road, walls and along cable trenches. Road cutting should be refilled and finished by proper cementing to the satisfaction of our Civil Department.		
11.7	Supply and Erecting 5 Mtr .height of GI poles, with surge protection to mount the cameras for outdoor installations		
11.8	Bidder should submit the catalogues and technical details for all the items for pre- evaluation.		
11.9	Erection of entire system should be carried out with the guidance of Area Maintenance/Civil Executives.		
11.10	Supply and installation of required capacity of UPS (with minimum 2 hrs. backup for the entire system) are under Bidder's scope.		
11.11	Type of Alert and options should be mentioned by the Bidder.		
11.12	After commissioning, the Bidder should confirm the performance of the whole system for at least 1 month both in day and night for consistency.		
11.13	Bidder should give their offers in two-bid system as technical and price bids.		
11.14	Bidder should attach authorization certificate from the manufacturers of Camera, software, wired components like base stations, switches, servers and storage systems for supply and support.		
11.15	Bidders are advised to visit the site before quoting for the proposed system.		
11.16	Wherever applicable, proper lightning arrestors, surge protection devices and proper earthing to be provided to ensure the safety of the devices.		
12	TERMINAL PAYMENT BHEL reserves the right to retain the cameras, wired and wired networking components, hardware, software and other items supplied in this procurement at the end of the lease period on payment of Rs. 1.00/- (Rupees One only) for the entire system. On payment of terminal charges, the ownership of entire System including all the equipment, spares & software will get transferred to BHEL without any other payments. BHEL will claim depreciation from the date of commissioning.		
13	Information Security Requirements BHEL IVP has implemented Information Security Management System (ISMS) and has taken certificate for the same based on ISO 27001 standard. BHEL Information Security Policy is as follows: "BHEL is committed to ensure Integrity, Confidentiality, Availability and Security of it information at all		

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	<p>times for serving the needs of the organization in line with its Vision, Mission & Values while meeting all regulatory requirements.”</p> <p>In line with the ISMS requirements, vendor and its staff shall ensure the protection of BHEL information assets / information processing facilities at all times with respect to confidentiality, integrity and availability.</p> <p>The vendor / personnel deputed by vendor shall comply with following requirements:</p> <ul style="list-style-type: none"> • Personnel deputed by vendor shall follow the ISMS system requirements. • Personnel deputed by vendor shall present his / her identity proof to BHEL for getting proper authorization from BHEL. He/she shall not enter into BHEL premises without proper authorization. • Vendor and personnel deputed by vendor shall sign Non-Disclosure Agreement (NDA) in the specified format of BHEL Haridwar. • When allowed by proper authority, he / she shall work in secure area only in the presence of BHEL staff. • If he /she has to work on any server / network device in secure area, the work shall only be allowed in presence of system administrator or any other person authorized by ITX. • He / she shall maintain and service only those equipment which comes under his /her scope of contract. • Vendor / personnel deputed by vendor shall ensure the return or destruction of information / data at the end of lease agreement and as and when required. • Access to information assets, which is not explicitly authorized, shall be treated as forbidden. • Any information security incident and / or security breaches shall be immediately reported to BHEL. • In case of any violation of the above, it will amount to non-fulfillment of terms & conditions of the contract. 		
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I/we hereby declare that all the terms and conditions given above are accepted by me/us.

Name

Address

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BHARAT HEAVY ELECTRICALS LIMITED
INDUSTRIAL VALVES PLANT
GOINDWAL – 143422, PUNJAB

**TENDER FOR : DESIGN, SUPPLY, INSTALLATION AND MAINTENANCE OF CCTV SURVEILLANCE SYSTEM ON 5
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(Signature of authorized signatory of the Bidder)

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12. TECHNICAL SPECIFICATIONS AND QUANTITIES

Technical Performance Specifications and Quantities are as

Sl No.	Specification	BHEL Minimum Requirement	Scope	Bidder To Confirm Acceptance (Yes/No)
1	Cameras		Bidder Scope	
1.1	Camera	IP Fixed Type	Bidder Scope	
1.2	Operation	Day and Night, Outdoor type	Bidder Scope	
1.3	Recording Resystem (Minimum)	1.3 Megapixel HD: 1280x1024 Pixels at 25FPS	Bidder Scope	
1.4	Covering area	25-30Mtrs Wide angle (upto 120 degree field veiw)	Bidder Scope	
1.5	Aspect Ratio	HD: 16:9 SD 4:3	Bidder Scope	
1.6	Minimum IR Beam Distance	20m	Bidder Scope	
1.7	Supported Protocols	IPV4, IPV6, DNS, HTTP, HTTPS, ICMP, SNMP	Bidder Scope	
1.8	Ethernet	Minimum 100Base T Full Duplex	Bidder Scope	
1.9	Event Detection	Intelligent Motion Detection, Camera Alarm	Bidder Scope	
1.10	Operating Temperature and Humidity	0 C – 50 C, 15% to 85% non condensing	Bidder Scope	
1.11	Weather Proof	IP66 Compliant (Weather Proof Vandal Proof)	Bidder Scope	
1.12	Video Recording	HD video recording	Bidder Scope	
1.13	No. of Cameras	18	Bidder Scope	
1.14	Cameras mounting hardware	All mounting hardware to be provided with cameras.For outdoor locations Bidder to arrange for mounting poles (5 M height above ground level) and all necessary mounting hardware using vandal proof structure	Bidder Scope	
2.0	NVR (Network Video Recorder)	NVR Should support all cameras at maximum resolution. (Rack mountable and Rack to be provided)	Bidder Scope	
2.1	Upgradability	System should be upgradable to support upto 32 Cameras without any change in NVR	Bidder Scope	

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2.2	Channels	No. of Channels <i>(Please Specify)</i>	Bidder Scope	
2.3	License Management	It is bidder;s responsibility to procure and supply all required licenses whether for NVR or for clients (2 monitoring stations) or for Web Monitoring (minimum 10). All Software licenses should be in name of BHEL, IVP, Goindwal.	Bidder Scope	
3.1	Cabling and Networking	Entire Network Cabling shall be done by Bidder. Any digging for cabling to be carried out by Bidder. All cabling should be done in fire retardant 1.5” HDPE (High Density Poly Ethylene) Conduits . Bidder shall not be allowed use of existing BHEL LAN for any purpse except where allowed by BHEL.	Bidder Scope	
3.2	Cabling and Networking	Repairs shall be done by Bidder for any excavations, drilling, digging etc by concrete filling in discussion with our Civil Department.	Bidder Scope	
3.3	Cabling and Networking	Wireless networking shall not be done at any location for safety reasons.	Bidder Scope	
3.4	Cabling and Networking	Only CAT6 (for Ethernet) and Shielded Optical Fibre Cabling for networking to be Used	Bidder Scope	
4.1	Storage	The system should provide online storage for 30 days for all cameras at HD Resystem.	Bidder Scope	
4.2	Storage	Should be rack mountable and industrial grade. Rack to be supplied by bidder.	Bidder Scope	
4.3	Log Storage	Log for NVR should also be stored on Storage,	Bidder Scope	
5	Civil works	All necessary civil works shall have to be carried out by Bidder only.	Bidder Scope	
6	Power Backup	2 Hours Power Backup for the entire System.	Bidder Scope	

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7.1	Network Video Management Software (NVMS)	Licensed Network Video Management Software to be provided on both Monitoring Stations.	Bidder Scope	
7.2	Software Features	Software should be capable of integrating all 18 cameras and other recording equipments	Bidder Scope	
7.3	Software Features	Software should feature - Missing object detection, Motion detection, Intruder detection etc	Bidder Scope	
7.4	Software Features	Software client should provide - administrator tool, monitoring application, archive player application, web monitoring access, archive player application, web monitoring access, web archive player access and mobile monitor application	Bidder Scope	
8.1	Monitoring Stations	Two Monitoring desktop stations (PCs) with Minimum 32" Industrial Grade LCD Monitors, Windows 7 operating System, Antivirus and other necessary software. All the software has to be licensed only and in name of BHEL, IVP Goindwal.	Bidder Scope	
8.2	Supported features	Live display of Cameras	Bidder Scope	
8.3	Supported features	Live display of camera sequences	Bidder Scope	
8.4	Supported features	Playback of archived video	Bidder Scope	
8.5	Supported features	Retrieval of archived video	Bidder Scope	
8.6	Supported features	Instant replay of live video	Bidder Scope	
8.7	Supported features	use of replay of live video	Bidder Scope	
8.8	Supported features	Use of graphical controls (maps)	Bidder Scope	
8.9	Supported features	Configuration of system settings	Bidder Scope	
8.10	Supported features	Monitor shall allow view of 1 to 16 Video Tiles Simultaneously on single monitor	Bidder Scope	
8.11	Supported features	Operator shall be able to instant replay any camera video	Bidder Scope	

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8.12	Supported features	The operator shall be able to control the playback with play, pause, forward and speed buttons	Bidder Scope	
8.13	Supported features	Connectivity with existing BHEL LAN shall be provided for web monitoring from any lan stations to authorised personnel through controlled access	Bidder Scope	
9	Uptime	98% uptime per month for all cameras per quarter. Bidder shall ensure necessary backup hardware/software etc to ensure mentined uptime.	Bidder Scope	
10	Insurance	Comprehensive Insurance of all equipment supplied by the Bidder for any damages arising out of fire, damage, water etc shall have to be arranged by Bidder. BHEL shall in noway be responsible for damage to any equipment of the Bidder due to any reason whatsoever.	Bidder Scope	
11	Training	Bidder shall provide training to our 5 personnel for the entire system operation.	Bidder Scope	
	BHEL Scope			
1	Location and wiring layout	Location for installations of cameras and wiring layout routes shall be provided by BHEL. Necessary permission for carrying out digging, drilling excavatins etc to be provided by BHEL.	BHEL, IVP's Scope	
2	LAN Connectivity	LAN connectivity for providing web monitoring access to BHEL Officials shall only be provided where necessary but this shall be in no way used for inter-connectivity of the vendor provided system components.	BHEL, IVP's Scope	
3	Power Supply	Single Phase 220V-50HZ Power Supply for powering the systems shall be provided by BHEL. Necessary plugs, wall outlets etc shall be arranged by Vendor only. Only ISI marked	BHEL, IVP's Scope	

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		power plugs, switches, sockets etc to be used for connectivity by vendor.		
4	Control Room	2 Control Rooms for installing Monitoring stations	BHEL, IVP's Scope	

13	ACCEPTANCE TEST PROCEDURE FOR THE PROJECT	Bidder's Compliance Yes / No	Bidder's Remarks
13.1	Complete system supply, installation and running of system as per requirements and technical specifications must be completed for proceeding with ATP.		
13.2	Soft copy and hard copy of complete system documentation, technical literature including the technical catalogues, maintenance and service manual, user manual of all the components like the cameras, switches, all the wired and wired networking components, base stations, servers, client workstations, application servers, storage servers, software , details of configuration, various wiring diagrams, layout, Marking and labeling of all cameras, switches, all networking components involved, cables , ports , terminations, running instructions etc to be submitted. This will serve as reference document in case of any problem/ system augmentation etc. (3 sets)		
13.3	Bidder should provide the complete technical specification and the Bidder address for all the brought-out components including cameras, switches, all the wired and wired networking components, cables, base stations, servers, client workstations, application servers, storage servers, software.		
13.4	Complete Design, lay-out of the network architecture of the total system should be submitted by the Bidder for acceptance before starting work.		
13.5	Newness certificate: The Bidder has to submit the newness certificate of all the equipment supplied.		
13.6	OEM support: The Bidder has to submit the certificate from the Original equipment manufacturer of the all the system components for their back to back support for entire contract period.		
13.7	After the installation and commissioning of the system as per the technical specification following are to be done		
13.8	Demonstration of 18 cameras in on line mode to prove the camera's performance during day and night. Demonstration of cameras working on battery in case of power failure. Demonstration of the cameras in case of network failure.		

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13.9	Online report for all the above movements.		
13.10	Demonstration of smooth working of all software modules as per specifications from the work station, central application servers and from storage server.		
13.11	Demonstration of all the analytics and other features controlled in each camera is to be proved through the video management and recording software.		
13.12	Storage capacity of the servers for a period of 30 days for continuous recording of all the 18 cameras should be proved.		
13.14	Demonstration of the total system in online mode for 1 day continuously to prove the maximum transmission and reception data rate. During the demonstration, ensuring that the bandwidth of the system is 30% higher than the actual required bandwidth during continuous movements in all the cameras.		
13.15	Ensuring the network healthiness in all the cameras 24 * 7 and during the online mode , continuous video data transmission from all the cameras without any delay in the screen to be monitored for a day		

**I/we hereby declare that all the terms and conditions given above are accepted by me/us.
Yours Truly,**

Name

Address

Stamp

TENDER FOR : DESIGN, SUPPLY, INSTALLATION AND MAINTENANCE OF CCTV SURVEILLANCE SYSTEM ON 5 YEARS LEASE BASIS

ANNEXURE A – CAMERA LOCATIONS INSIDE BHEL, IVP FACTORY CAMPUS (These are indicative only, actual positions shall be indicated upon installation of cameras only)			
SL NO.	Location	NO. OF. CAMERA	REMARKS
1	Admin Building Lobby	1	
2	Main Gate - Left	1	
3	Main Gate - Right	1	
4	Bay 1 - Left Span 1	1	
5	Bay 2 - Right Span 1	1	
6	Bay 1 - Left Span 7	1	
7	Bay 2 - Right Span 7	1	
8	Bay 1 - Left Span 12	1	
9	Bay 2 - Right Span 12	1	
10	Bay 1 - Left Span 18	1	
11	Bay 2 - Right Span 18	1	
12	Shop Annexe Entry Lobby	1	
13	HT Panel Room	1	
14	Main Stores Outer Yard	1	
15	Main Stores Inside Yard	1	
16	Canteen Hall	1	
17	South End Left	1	
18	South End Right	1	
	Total	18	

Deviation in Technical Specification

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INDUSTRIAL VALVES PLANT
GOINDWAL – 143422, PUNJAB

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ANNEXURE B**

No Deviation Certificate

(To be given in bidder's letter head)

Ref: BHEL's Enquiry No. _____ Dated _


It is Certified that the offered system vide Enquiry No. ____dated _____ in response to BHEL's enquiry mentioned under reference has no Technical deviation from the requirement of BHEL, Goindwal given vide the Technical Specification (Requirement).

Date: Bidder's Signature with seal

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 BHEL - GOINDWAL	THIRD PARTY NON-DISCLOSURE AGREEMENT	Doc: ISMS-04-IVP-011	
		Ver. No: 1.00	Rev.:00
		Date : 12/12/2013	

ANNEXURE-C

THIRD PARTY NON-DISCLOSURE AGREEMENT

I, _____, on behalf of the _____ (Name of Company), acknowledge that the information received or generated, directly or indirectly, while working with BHEL, IVP on contract is confidential and that the nature of the business of the BHEL, IVP is such that the following conditions are reasonable, and therefore:

I warrant and agree as follows:

I, or any other personnel employed or engaged by our company, agree not to disclose, directly or indirectly, any information related to the BHEL, IVP Without restricting the generality of the foregoing, it is agreed that we will not disclose such information consisting but not necessarily limited to:

- Technical information: Methods, drawings, processes, formulae, compositions, systems, techniques, inventions, computer programs/data/configuration and research projects.
- Business information: Customer lists, project schedules, pricing data, estimates, financial or marketing data,

On conclusion of contract, I, or any other personnel employed or engaged by our company shall return to BHEL, IVP all documents and property of BHEL, IVP, including: drawings, blueprints, reports, manuals, computer programs/data/configuration, and all other materials and all copies thereof relating in any way to BHEL, IVP 's business, or in any way obtained by me during the course of contract. I further agree that I, or any others employed or engaged by our company shall not retain copies, notes or abstracts of the foregoing.

This obligation of confidence shall continue after the conclusion of the contract also.

I acknowledge that the aforesaid restrictions are necessary and fundamental to the business of the BHEL, IVP and are reasonable given the nature of the business carried on by the BHEL, IVP I agree that this agreement shall be governed by and construed in accordance with the laws of country.

I enter into this agreement totally voluntarily, with full knowledge of its meaning, and without duress.

Dated at _____, this ____ day of _____, 20__.

Name

Company

Signature

RESTRICTED USE

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BHARAT HEAVY ELECTRICALS LIMITED
INDUSTRIAL VALVES PLANT
GOINDWAL – 143422, PUNJAB

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ANNEXURE D

**FORMAT FOR
“LETTER OF AUTHORITY”**

Tender Enquiry No. :
Date : --/--/----

To, Date:

Subject: **Letter of Authority**

Tender Ref. No.:, **dated --/--/----**

Dear Sir,We hereby authorize ____who will fulfill the requirements of the tender enquiry ref. no., dated --/--/----to quote/ negotiate and service the equipment as required in the above tender enquiry.

This authorization is valid only for the following equipment for which we are the OEM:

1. _____
2. _____
3. _____
4. _____
5. _____

The authorized agency would ensure reliable service during complete R&G period. In case of any default alternative arrangement would be done by us on the same terms and conditions as negotiated and finalized in this tender enquiry.

(Authorized Signatory)For ____

Place

Note: This ‘Letter of Authority’ should be issued on the letterhead of OEM and enclosed in Part-II.

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Annexure-E

ACCEPTANCE OF COMMERCIAL TERMS AND CONDITIONS BY THE BIDDERS.

(This should be essentially filled in and sent along with the techno-commercial offer without fail. If this check list is not filled and submitted along with techno-commercial offer (Part I) or if the bidder does not confirm acceptance to the terms and conditions proposed, BHEL reserves the right to reject such offer)

CHECK-LIST FOR BIDDERS

SI No	DESCRIPTION	Bidders Response
1.	<p>The Bidders shall submit the offer in single stage with TWO INNER ENVELOPES as indicated below which shall be sealed in one outer envelope.</p> <p><u>ENVELOPE-I: "PART-I: TECHNO - COMMERCIAL PART"</u></p> <p>The following details are to be written on the top of the envelope:</p> <p>NAME OF WORK:</p> <p>Enq. NO.: Due Dt:</p> <p>FROM : [NAME & ADDRESS OF BIDDER]</p> <p>This envelope shall contain (i) Techno-Commercial (Part-I) of Bidding Document in original duly stamped and signed on each page along with un priced bid with indicating applicable taxes & duties (Annexure G) (ii) EMD & Tender Cost Bids without EMD and Tender Cost are liable for rejection.</p> <p><u>ENVELOPE-II: "PART- II: PRICE PART"</u></p> <p>This part should contain the schedule of price particulars and must be correlated to the technical details provided in Part I (As per Annexure H)</p> <p>The following details are to be written on the top of the envelope: NAME OF WORK:</p> <p>Enq. NO.: Due Dt:</p> <p>PRICE PART (DO NOT OPEN)</p> <p>FROM: [NAME & ADDRESS OF BIDDER]</p> <p>The Bidder shall submit only price/ Rates as per Schedule of Rates without any condition. Condition indicated, if any, in the Price part shall not be taken cognizance of and such bid may be rejected without assigning any reasons thereof. The prices shall be filled up both in figure and in words and rounded off to the nearest rupee. No overwriting or use of correction fluid shall be accepted. Any correction shall be signed by the authorised signatory.</p> <p>All the two envelopes (Part I&II) shall be put in one cover, duly sealed, superscribing as Part I and Part II of Enquiry No., due date of opening and the address and reference of the Bidder.</p> <p>The above offer should reach this office on or before the due date by 14.00</p>	

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	Hrs (IST). Late offers will not be considered.	
	<p>Tender should not be addressed to any Individual's name but only by designation to: HEAD/HR BHARAT HEAVY ELECTRICALS LIMITED INDUSTRIAL VALVES PLANT GOINDWAL - 143422 PUNJAB</p> <p>TENDER SHOULD BE SUBMITTED IN TENDER BOX AVAILABLE IN THE ADMIN BUILDING.</p> <p>Tenders should be free from CORRECTION AND ERASURES, Corrections if any, must be attested. All amounts shall be indicated both in words as well as in figures. In case of any difference between amount quoted in words and figures, amount quoted in words shall prevail.</p> <p>Offers should be in ENGLISH and accompanied by detailed technical literature, catalogue and detailed dimensional drawings in ENGLISH or otherwise, the offers will not be considered.</p>	
2.	<p><u>OPENING OF TENDERS</u></p> <p>The Part I- Technical & commercial bid would be opened on the Tender opening date and time.</p> <p>The Part II - Price bid of Technically suitable Bidders alone would be opened.</p> <p>The Technically suitable Bidders would be informed about the tender opening date.</p> <p>Clarifications if any required by BHEL for Technical evaluation would be sought from bidders before opening of Part II - price bid.</p>	
3.	<p><u>Stage-I: Evaluation of Technical & Un-priced Commercial Bids</u></p> <p>Only those Bidders who meet all the requirements as per Qualification Criteria (point No. 1.1 to 1.5) for Bidders will be considered for further evaluation.</p> <p>Technical and un-priced commercial bid (ANNEXURE G & H) of the bidder shall be opened and evaluated for acceptability of Technical offer, technical suitability, and acceptance of technical and commercial terms. BHEL Goindwal will evaluate the Technical bid submitted by the Bidders.</p> <p>During the Technical Evaluation of the bid, BHEL Goindwal may ask for additional information/resources to validate the bid. These may include technical documents / white papers from OEM or third party, references, demonstration of a proof of concept or system, visit to OEM's lab or their clients reference site, etc. Failure to furnish information as required or to submit a bid not substantially responsive to the bidding documents may result in rejection of the bid.</p> <p>There shall be no deviation from the technical specification. "No Deviation Certificate" as per the format shall be submitted (Annexure-B).</p> <p><u>Stage –II: Evaluation of the Price Bid:</u></p> <p>The evaluation of tenders will be as follows: Only Techno Commercially qualified offers will be considered for price bid evaluation Evaluation of the offer will be based on L1 of the total value for the entire scope of work (delivered cost (or) Net cash outflow to BHEL).</p>	

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	<p>The Total Price shall be for the complete scope as per technical specifications, inclusive of comprehensive on-site maintenance including repair/replacement of parts during the entire Financial Lease(Rental and Guarantee) period, all taxes & duties, insurance, Freight & insurance charges, Packing & forwarding charges, any other incidental charges, etc. Applicable % of taxes& duties should be clearly indicated the model price bid format</p> <p>The contract will be awarded to a single party for the total scope (BHEL Goindwal), based on the above evaluation. If some discrepancies are found between the rate given in words and figures, the rate in words shall be taken as correct.</p> <p>The bidder shall quote the quarterly rental charges for 3 years as per Price Bid Format – Annexure H.</p> <p>BHEL reserves the right to go for a Reverse Auction (RA) instead of opening the submitted sealed price bid, which will be decided after techno-commercial evaluation. Information and general terms and conditions governing RA as per point 18.</p>	
4	<p>Taxes and Duties :</p> <p>All Taxes and Duties payable as extra to the quoted price should be specifically stated in offers along with CST & TIN No / Tariff No. etc., failing which the purchaser will not be liable for payment of such Taxes and Duties.</p> <p>Income Tax applicable</p> <p>Any service charges payable towards supervision of E&C, training, performance prove-out etc., will be released after deduction of Income Tax as per Indian Income Tax Act / as per the Govt. of India rules and TDS certificate will be issued by BHEL for such deductions. Applicable service tax on E&C charges will be payable extra. The liability of depositing the same to the Govt. will be of the bidder.</p> <p>Income tax depreciation will be claimed by BHEL</p>	
5	<p>Amendment of bidding documents</p> <p>BHEL Goindwal may at its sole discretion amend the Bidding Documents at any time prior to the deadline for submission of bids. However in case of such amendment, the bid submission date may be extended at the discretion of BHEL Goindwal.</p> <p>Amendments made prior to submission of bid will be provided in the form of addenda / corrigendum to the bidding documents and will be posted only on the BHEL website (http://www.bhel.com&http://www.tenders.gov.in) in tender notification section. Hence the bidders are requested to visit the web pages regularly for updates.</p>	
6	<p>Maintenance during the lease period shall not be sub-contracted</p>	
7	<p>Validity:</p> <p>Validity of the offer should be 180 days from the date of tender opening. BHEL reserves the right not to consider offers from bidders with validity less than 180 days from the date of tender opening.</p>	

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8	<p>Terms of Payment: Purchase Order will be released on the successful bidder. Successful bidder shall sign Bipartite Lease Agreement as per BHEL format. Lease period will start after issue of Commissioning Certificate by BHEL Goindwal. The payment of Financial Lease (Rental and Guarantee) contract charges will be made on calendar quarterly basis after completion of each quarter and submission of invoice(s) in triplicate. Payment will be released after submission of verified invoices and on certification by BHEL. Uniform rental rate will be paid in all quarters. Bidder has to complete the installation at the locations to be identified by BHEL along with LOI/ Order. The first quarter Financial Lease (Rental and Guarantee) payment will be due after completion of the quarter from the date of successful completion of installation & acceptance by BHEL (calendar quarterly basis). An installation certificate will be issued by BHEL after completing the Acceptance Test Procedure (ATP) terms. Thereafter, payment will be made at the end of each quarter</p>	
9	<p>Delivery & Project Implementation Schedule.</p> <p>The Bidder shall be responsible for timely delivery, installation & commissioning of all the Hardware/software given in the scope of supply/work at the BHEL's premises. All the Hardware/software shall be delivered and successfully installed and commissioned within 6 weeks from the date of PO</p>	
10	<p>Liquidated damages (LD):</p> <p>It is clearly understood among the parties to the contract that "Time is the essence of the contract". Therefore, the delivery/commissioning of the goods specified in the purchase order should be made within the time prescribed. Where the seller supplies or dispatches the goods, beyond the delivery period specified the purchaser will have no obligation to accept the goods. If accepted liquidated damages at the rate of 1/2% of the value of goods delayed for each week of delay subject to a maximum of 15% of the order value will be levied. Liquidated damages @ ½% per week subject to a maximum of 15% shall be applicable for delay in the Period for completion of the Installation & Commissioning work</p> <p>For the purpose of Imposing LD, the FOB delivery (B/L date) shall be considered. <u>BHEL reserves the right to reject offers from bidders not accepting the above LD clause, with maximum LD as 15%.</u></p>	
11	<p>Delivery Schedule:</p> <p>The Bidder shall be responsible for timely delivery, installation & commissioning of all the Hardware / software given in the scope of supply / work at the BHEL's premises. All the Hardware / software shall be delivered and commissioned within 6 weeks from the date of placement of order.</p>	
12	<p>Risk Purchase:</p> <p>Alternatively the purchaser at his option will be entitled to terminate the contract and to purchase elsewhere at the risk and cost of the seller either the</p>	

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	whole of the goods or any part which the bidder has failed to deliver or dispatch within the time stipulated as aforesaid or if the same were not available from the best and the nearest available substitute. The bidder shall be liable for any loss which the Purchaser may sustain by reason of such risk purchases.	
13	<p>Force Majeure clause:</p> <p>If at any time during the continuance of this contract the performance in whole or in part by either party of any obligations under this contract shall be prevented or delayed by reason, of any war, hostilities, acts of the public enemy, civil commotion, sabotage, fires, explosions, epidemics, quarantine, restrictions or acts of GOD (hereinafter referred to as events) then provided notice of happening of any such events is given by either party to other within twenty one days from the date of occurrence thereof neither party shall reason of such events be entitled to terminate this contract nor shall either party have any such non performance and delay is resumed as soon as practicable after such events has come to an end or ceased to exist. If the performance in whole or part of any obligation under this contract is prevented or delayed by reason or any such event claims for extension of time shall be granted for period considered reasonable by the purchaser subject to prompt notification by the seller to the purchaser of the particulars of the events and supply to the purchaser if required of any supporting evidence. Any waiver of time in respect of partial instalment shall not be deemed to be a waiver of time in respect of remaining deliveries.</p>	
14	<p>Guarantee:</p> <p>(1) During the period of lease rental / AMC all defective parts / modules shall be replaced /rectified free of cost without any cost implication on BHEL. (2) Any part / module that becomes faulty shall not be blamed to be the fault of BHEL. The faulty parts/modules shall be repaired within the scope of lease rental / AMC. <u>Offers from bidders not accepting the requested guarantee period/Warranty will be rejected.</u></p>	
15.	<p>Short shipment / Warranty replacement:</p> <p>In case of any short shipment in the main equipment / spares, customs duty levied on such supplies, shall be borne by the bidder. Any warranty replacement during the lease period shall be on FOR/ BHEL-Destination basis.</p>	
16	<p>Inspection & Testing:</p> <p>All goods shall be subject to inspection by BHEL or its authorized representatives at bidder's works (or) at BHEL destination or at any other place in India indicated by BHEL as the case may be. The bidder will not charge for the facilities provided for inspection of goods. The final inspection and acceptance of the project will be carried after installation of the equipment at BHEL, Destination.</p>	
17	<p>Test certificates / Operating and Maintenance manuals :</p> <p>The Bidders shall clearly mention in their offer, that Test Certificates and Operating Maintenance Manuals, etc., as called for in the Technical Specification, in the required number of copies will be provided at no extra cost</p>	
18	<p>Reverse Auction (RA):</p>	

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	<p>BHEL reserves the option to either finalize the tender by opening sealed price bids (Part-II) submitted with the offer on a specified date and time in the presence of bidders, who may like to be; or by carrying out live reverse auction on-line. In case of reverse auction, adequate infrastructure like internet connection, uninterrupted power supply, printer, fax machine etc. will have to be arranged by bidder. BHEL will engage a service provider who shall interact, educate, guide and coordinate with bidder for reserve auction. Date and time of reverse auction shall be informed through email provided by Tenderer.</p> <p>Information and general terms and conditions governing RA are given below.</p> <p><u>TERMS AND CONDITIONS OF RA:</u></p> <p>BHEL may resort to “REVERSE AUCTION PROCEDURE” i.e. ON LINE BIDDING (THROUGH A SERVICE PROCEDURE).The philosophy followed for reverse auction shall be English Revers (No ties).</p> <p>For the proposed reverse auction, technically and commercially acceptable bidders only shall be eligible to participate.</p> <p>Those bidders who have given their acceptance for Reverse Auction (quoted against this tender enquiry) will have to necessarily submit ‘online sealed bid’ in the Reverse Auction. Non-submission of ‘online sealed bid’ by the bidders for any of the eligible items for which techno-commercially qualified, will be considered as tampering of the tender process and will invite action by BHEL as per extant guidelines in vogue.</p> <p>BHEL will engage the services of a service provider who will provide all necessary training and assistance before commencement of on line bidding on internet.</p> <p>In case of reverse auction, BHEL will inform the bidders the details of Service Provider to enable them to contact & get trained.</p> <p>Business rules like event date, time, bid decrement, extension etc. also will be communicated through service provider for compliance.</p> <p>Bidders have to fax the Compliance form (shall be provided) before start of Reverse auction. Without this, the bidder will not be eligible to participate in the event.</p> <p>In line with NIT terms, BHEL will provide the calculation sheet (e.g., EXCEL sheet) which will help to arrive at “Total Cost to BHEL” like Packing & forwarding charges, Taxes and Duties, Freight charges, Insurance, Service Tax for Services and loading factors (for non-compliance) to BHEL standard Commercial terms & conditions) for each of the bidder to enable them to fill-in the price and keep it ready for keying in during the Auction.</p> <p>Reverse auction will be conducted on scheduled date & time.</p> <p>At the end of Reverse Auction event, the lowest bidder value will be known on auction portal.</p> <p>The lowest bidder has to fax/e-mail the duly signed and filled-in prescribed format for price breakup including that of line items, if required, (Annexure VII) as provided on case-to-case basis to Service provider within two working days of Auction without fail.</p>	
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	<p>In case BHEL decides not to go for Reverse Auction procedure for this tender enquiry, the Price bids and price impacts, if any, already submitted and available with BHEL shall be opened as per BHEL's standard practice.</p> <p>Bidders shall be required to read the "Terms and Conditions" section of the auctions site of Service provider, using the Login IDs and passwords given to them by the service provider before reverse auction event. Bidders should acquaint themselves of the 'Business Rules of Reverse Auction', which will be communicated before the Reverse Auction.</p> <p>If the Bidder or any of his representatives are found to be involved in Price manipulation/cartel formation of any kind, directly or indirectly by communicating with other bidders, action as per extant BHEL guidelines shall be initiated by BHEL and the results of the RA scrapped/aborted.</p> <p>The Bidder shall not divulge either his Bids or any other exclusive details of BHEL to any other Bidder.</p> <p>In case BHEL decides to go for reverse auction, the H1 bidders (whose quote is highest in online sealed bid) may not be allowed to participate in further RA process.</p>	
19	<p>Ethical Standard</p> <p>Bidders are expected to observe the highest standard of ethics during the procurement and execution of this contract. In pursuit of this policy, BHEL will reject a proposal for award if it determines that the bidder being considered for award has engaged in corrupt or fraudulent practices in competing for the contract. for the purposes of this provision, the terms set forth below are defined as follows:</p> <p>a) "corrupt practice" means the offering, giving, receiving, or soliciting of anything of value to influence the action in the procurement process or in contract execution; and</p> <p>b) "fraudulent practice" means a misrepresentation of facts in order to influence a procurement process including collusive practices designed to establish bid prices at artificial, non-competitive levels to deprive the benefits of competition to BHEL.</p> <p>By signing the bid forwarding letter, the bidder represents that for the software it supplies, it is the owner of the intellectual property rights. Willful misrepresentation of these facts shall be considered a fraudulent practice without prejudice to other remedies that BHEL take.</p>	
20	<p>Non-Disclosure Agreement</p> <p>The bidder shall sign a Non-Disclosure Agreement (NDA) with BHEL. By signing the NDA, the bidder agrees not to disclose any confidential information, business or proprietary, as covered by the agreement. The proforma for the Non-Disclosure Agreement is attached as Annexure C</p>	
21.	<p>INDEMNITY</p> <p>The contractor hereby undertakes to indemnify BHEL against all actions, suits, proceedings, claims, losses, damages etc., which may arise under Minimum Wages Act, Fatal Accident Act, Workmen Compensation Act, shops & Establishment Act, Family pension & Deposit Linked Insurance scheme or any other Act or statutes not herein specifically</p>	

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	<p>mentioned but having any direct or indirect application for the person(s) engaged under this contract by him.</p> <p>The Contractor shall defend, indemnify and hold BHEL harmless from any liability, which may be imposed by the Central, State or local authorities and also from all claims, suits arising out of or by reason of the work provided by this contract including any liability that may arise out of accident, whether brought by the employees/ laborers of the Contractor or by the third parties or by the Central or State Government authority or any sub-division thereof.</p> <p>BHEL shall not be responsible for any claim/compensation that may arise due to damages/injuries/pilferage to the contractor's employee(s)/ staff/laborers under any circumstances while an employee(s) / laborer is engaged in the BHEL 's duty under the contract.</p> <p>The contractor shall make regular and full payment of wages/salaries including overtime/night halt allowance etc. as applicable as per rules in force and any other payments due to his employees/laborers and furnish necessary proof whenever required by BHEL.</p>	
22	<p>INSURANCE POLICIES</p> <p>The Contractor shall at his own cost take insurance and maintain at all times until the close out of the Contract, insurance policies in respect of equipment and workmen engaged by him for providing services under this Contract.</p>	
23	<p>TERMINATION OF THE CONTRACT</p> <p>BHEL reserves the right to terminate the Contract, at any stage during the period of the Contract based on the contractor's performance, by giving 30 days' notice in writing.</p> <p>BHEL shall have the right to terminate this contract if:</p> <ol style="list-style-type: none"> 1.The contractor fails to provide services or contractual obligations in accordance with the below SLA (Point No.25) & Annexure-G (Point No. 3.16) 2.The contractor suspends the performance of all or part of the services, or 3.The contractor abandons the services, or 4. The contractor becomes bankrupt or goes into receivership (or) liquidation or makes an assignment for the benefit of his creditors. <p>In the event of termination of contract, the amount due to the Contractor as per contractual provisions after recovery of dues (from Contractor's pending invoices/ Security Deposit, as the case may be), shall be released to them.</p>	
24	<p>ARBITRATION</p> <p>All disputes or differences whatsoever which may arise at any time during execution of the Contract shall be mutually settled by BHEL and Contractor as per provision of the Contract. However, in the event such disputes cannot be settled mutually, such disputes shall be settled as per the Arbitration and reconciliation Act, 1996 of the Govt. Of India and its subsequent amendments. In case of disputes with the Central PSUs, the same shall be settled at GOINDWAL as per the Guidelines of the Govt. of India. However, during the period such disputes are settled either by mutual discussions between the parties or by legal means, Contractor shall continue</p>	

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	to do the work as per terms & conditions of Contract.	
25.	<p>Service Level Agreement</p> <p>a) Bidder shall be responsible for continuous and smooth operations for the entire lease period.</p> <p>b) The Bidder shall ensure for running the system at the uptime of 98% per month or higher. Any downtime beyond 2% will result in the reduction of Financial Lease (Rental and Guarantee) contract rentals on Pro- rata basis.</p> <p>c) Downtime calculation will be applicable for non-availability of service arising because of malfunctioning of cameras, switches, network problem, PC, Servers etc.</p> <p>d) If the uptime for any equipment falls below 98% continuously for 1 month, the equipment shall have to be replaced by Bidder, without any extra cos.</p> <p>e) Maintenance and service shall cover services, repairs and replacements necessary to keep the hardware and software in good working conditions.</p> <p>f) Bidder shall maintain sufficient spares, in BHEL GOINDWAL to ensure immediate attention in case of break down.</p> <p>g) As the Bidder is responsible for the supply of spares and non-availability due to want of spares will be treated as downtime.</p> <p>h) Any complaint shall be resolved immediately and that at any point of time if any machine is down and a delay is anticipated in repairing, suitable temporary replacement shall be provided for continuity of the service.</p>	
26	<p>Confidentiality:</p> <p>Bidder shall at all times undertake to maintain complete confidentiality of all information. Bidder & connected people shall sign non-disclosure agreement format as specified in BHEL ISMS procedures.</p> <p>Successful bidder shall sign Bipartite Lease Agreement as per BHEL format.</p>	
27	<p>General Conditions</p> <p>1. Point by point confirmation for the Technical Specification enclosed to be provided. Offers received without confirmation to our specification will be liable for rejection. If needed additional sheets shall be used.</p> <p>2. The Bidder shall supply, install, commission and maintain the equipment/system as per requirement, including supply of spares for a period of five years.</p> <p>3. The Bidder shall ensure the equipment for any accidental damages caused or incidents happened during the period of lease and BHEL will not bear any cost in case of any damages of missing.</p> <p>4. The Income tax depreciation will be claimed by BHEL</p> <p>5. BHEL reserves the right to retain the cameras, wired and wired networking components, hardware, software and other items supplied in this procurement at the end of the lease period on payment of Re.1/- (Rupee one only). On payment of terminal charges, the ownership of entire System including all the equipment, spares & software will get transferred to BHEL without any other payments. BHEL will claim depreciation from the date of commissioning.</p> <p>6. If Bidder is not OEM, suitable back to back service agreement with OEM / Authorized service Dealer shall be entered by Bidder for the maintenance accordingly for the entire rental period and copy of the same shall be submitted to BHEL. Rental will start only after verification of the</p>	

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	<p>same.</p> <p>7. All Cameras shall be from the same OEM for ease of operation.</p> <p>8. Bidder has to specifically verify that the offered products have no deviations from BHEL technical specification (As per Annexure-B).</p> <p>9. The first Lease rental invoice shall be raised after completion of 3 months or calendar quarter from the date of installation and commissioning of the systems at the designated location in BHEL, Goindwal & . The installation and commissioning certificate shall be jointly signed by the User Department's representative and the Bidder's representative.</p> <p>10. Separate PO will be released for BHEL, Goindwal</p> <p>11. Equipment offered shall be "New". Re-built / Re-conditioned / Used equipment will not be accepted. "Newness" certificate from OEM shall be furnished for all items.</p> <p>12. Prices shall be quoted item wise only as per the model format enclosed. An unpriced copy shall be submitted along with technical bid where in the applicable Taxes and Duties Shall be clearly specified</p> <p>13. Insurance documents for all the items.</p> <p>14. Insurance for the complete Systems/Goods shall be arranged by the Bidder at his own risk and cost throughout the period of lease. Purchaser/Lessee, under any circumstances,</p>	
28	<p>BHEL will not be responsible for any loss/damage/theft of any Systems/goods, due to any reasons, whatsoever. Claim(s) etc., if any, will be dealt with the underwriters directly by the Bidder. Evidence of insurance policy shall be submitted to BHEL. If the Bidder fails to renew the policy before the expiry, BHEL will affect the insurance from the lease rental.</p> <p>1. Incomplete offers will not be considered for further processing</p> <p>2. Fixed price: Prices quoted by the bidder shall be fixed and not subject to any escalation whatsoever during the period of bid validity and execution of the Purchase Order. A bid submitted with an adjustable price will be treated as non - responsive and rejected. Prices shall be written in words and figures. In the event of difference, the price in words shall be valid and binding. Unit prices shall be considered correct in the event of any discrepancy with regard to total price.</p> <p>3. The Bidder shall arrange for securely protecting and packing the stores to avoid loss or damages during transit.</p> <p>4. BHEL reserves its right to reject a tender due to unsatisfactory past performance in the execution of a contract at any of BHEL projects / units.</p> <p>5. BHEL shall be at liberty to reject or accept any tender, part or in full, at their own discretion and any such action is not liable for any question or claim against BHEL.</p> <p>6. All Equipment / Services including Personnel for carrying out the installation and commissioning of the Equipment shall be arranged by the bidder. If any Services is availed from BHEL, it is only on chargeable basis unless otherwise specified.</p> <p>7. The bidder shall provide necessary Test Certificates and Operating Maintenance Manuals etc., as called for in the Technical Specification, in the required number of copies at no extra cost.</p> <p>8. The Bidder shall arrange for boarding, lodging and logistics of onsite commissioning engineer and operations engineers at their own cost.</p>	

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	9 The quarterly leased rental payment will commence only after: Signing of Bipartite Lease Agreement - Proof of maintenance contract with OEM for the total duration of 3 years.	
29	Company Details & Contact	
	Full Address of the company for further communication (Enquiry & PO)	
	Company Email ID:	Phone No.:
	Pan No	Fax No
	CST /TIN No	Service Tax No.
	Name of the contact person:	Mobile No.:
	e-mail ID	
30	TERMINAL PAYMENT BHEL reserves the right to retain the cameras, wired and wired networking components, hardware, software and other items supplied in this procurement at the end of the lease period on payment of Re. 1/- (Rupee One only). On payment of terminal charges, the ownership of entire System including all the equipment, spares & software will get transferred to BHEL without any other payments. BHEL will claim depreciation from the date of commissioning.	

NOTE:-

- a) Your specific acceptance to our Payment terms, LD, Risk Purchase Clause & Submission of Security Deposit as mentioned in Clause 5 (Section: tender particulars) are essential for consideration of your offer. Otherwise your offer is liable for rejection.
b) No row shall be left blank. Please indicate NA, in case the item is “not applicable”

Declaration:-

We have gone through and understood the Scope, Terms and Conditions and all the provisions mentioned in the tender, enclosed herewith as a part of the Tender and confirm that our offer has been made in line with the same.

Signature with date:

Name:

Designation:

Address:

(AFFIX OFFICIAL SEAL HERE)(PLEASE AFFIX YOUR SIGNATURE WITH SEAL ON EACH PAGE)

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ANNEXURE F**

Annexure - I

Certificate by Chartered Accountant on letter head

This is to Certify that M/S
(hereinafter referred to as 'company') having its registered office at
..... is registered under MSMED Act 2006, (Entrepreneur
Memorandum No (Part-II) dtd:.....
Category: (Micro/Small). (Copy enclosed).

Further verified from the Books of Accounts that the investment of the company as per the
latest audited financial year as per MSMED Act 2006 is as follows:

1. **For Manufacturing Enterprises:** Investment in plant and machinery (i.e. original cost
excluding land and building and the items specified by the Ministry of Small Scale Industries vide its
notification No.S.O.1722(E) dated October 5, 2006 :
Rs.....Lacs
2. **For Service Enterprises:** Investment in equipment (original cost excluding land and building and
furniture, fittings and other items not directly related to the service rendered or as may be notified under the MSMED
Act, 2006:
Rs.....Lacs

(Strike off whichever is not applicable)

The above investment of Rs.....Lacs is within permissible limit of
Rs.....Lacs forMicro / Small (Strike off which is not applicable)
Category under MSMED Act 2006.

Or

The company has been graduated from its original category (Micro/ Small) (Strike off which is not
applicable) and the date of graduation of such enterprise from its original category is
(dd/mm/yyyy) which is within the period of 3 years from the date of graduation of such
enterprise from its original category as notified vide S.O. No. 3322(E) dated 01.11.2013 published
in the gazette notification dated 04.11.2013 by Ministry of MSME.

Date:



(Signature)

Name -

Membership number -

Seal of Chartered Accountant

TENDER NO.:BHE:IVP:HR:CCTV:TENDER:01 DATE: 13/03/2015

ANNEXURE G

TECHNO COMMERCIAL BID FORMAT
 (DESIGN, SUPPLY, INSTALLATION AND MAINTENANCE OF CCTV SURVEILLANCE SYSTEM AT BHEL, IVP , GOINDWAL ON FIVE YEARS FINANCIAL LEASE (RENTAL AND GUARANTEE) BASIS

TENDER NO.:BHE:IVP:HR:CCTV:TENDER 01
 TENDER DATE: 13/03/2015

All Values in Rs.

Sl No.	Description of Work – to Conform to detailed technical specifications as per tender	Total Qty (NOS.)	UNIT RENTAL COST (RS.)			Total Quoted Quarterly rental rate (Excluding Taxes)	Total Rental for 5 years (Rs.)
			Quoted Unit Quarterly rental Equipment Cost for One Camera	Quoted Unit Quarterly Maintenance Cost One Camera (Excluding Service Tax)	Incidentals Like Interest On Capital (Excluding taxes)		
		A	B	C	D	E=A*(B+C+D)	F=E*20
1	IP Based Outdoor type, Day and Night Surveillance Camera	18	QUOTED (INDICATED IN PRICE BID ONLY)	QUOTED (INDICATED IN PRICE BID ONLY)	QUOTED (INDICATED IN PRICE BID ONLY)	QUOTED (INDICATED IN PRICE BID ONLY)	QUOTED (INDICATED IN PRICE BID ONLY)
2	NVR Server (Including all Hardware and NVMS Software). Should be Rack Mountable.	As per Bidder's design	QUOTED (INDICATED IN PRICE BID ONLY)	QUOTED (INDICATED IN PRICE BID ONLY)	QUOTED (INDICATED IN PRICE BID ONLY)	QUOTED (INDICATED IN PRICE BID ONLY)	QUOTED (INDICATED IN PRICE BID ONLY)
3	Storage – For Providing 30 Days recording for all 18 Cameras as per requirement. Rack mountable	As per Bidder's design	QUOTED (INDICATED IN PRICE BID ONLY)	QUOTED (INDICATED IN PRICE BID ONLY)	QUOTED (INDICATED IN PRICE BID ONLY)	QUOTED (INDICATED IN PRICE BID ONLY)	QUOTED (INDICATED IN PRICE BID ONLY)

4	Networking (Including Cabling, Laying, Network Equipment, Mounting hardware, Civil Work etc.)	As per Bidder's Design	QUOTED (INDICATED IN PRICE BID ONLY)	QUOTED (INDICATED IN PRICE BID ONLY)	QUOTED (INDICATED IN PRICE BID ONLY)	QUOTED (INDICATED IN PRICE BID ONLY)	QUOTED (INDICATED IN PRICE BID ONLY)
5	Power Backup	As Per Bidder's Design	QUOTED (INDICATED IN PRICE BID ONLY)	QUOTED (INDICATED IN PRICE BID ONLY)	QUOTED (INDICATED IN PRICE BID ONLY)	QUOTED (INDICATED IN PRICE BID ONLY)	QUOTED (INDICATED IN PRICE BID ONLY)
6	Monitoring Station with Minimum 32" LCD Displays	2 Nos.	QUOTED (INDICATED IN PRICE BID ONLY)	QUOTED (INDICATED IN PRICE BID ONLY)	QUOTED (INDICATED IN PRICE BID ONLY)	QUOTED (INDICATED IN PRICE BID ONLY)	QUOTED (INDICATED IN PRICE BID ONLY)

Outright Purchase cost of Each Unit Shall be 20 Times of Column B

PLEASE MENTION DETAILS OF APPLICABLE TAXES AND DUTIES:

I/we hereby declare that all the terms and conditions mentioned in this tender enquiry above are accepted by me/us.

Date
Name:
Address:
Stamp

Signature of the Bidder

ANNEXURE H

PRICE BID FORMAT

(DESIGN, SUPPLY, INSTALLATION AND MAINTENANCE OF CCTV SURVEILLANCE SYSTEM AT BHEL, IVP , GOINDWAL ON FIVE YEARS FINANCIAL LEASE (RENTAL AND GUARANTEE) BASIS

TENDER NO.:BHE:IVP:HR:CCTV:TENDER 01
TENDER DATE: 13/03/2015

All Values in Rs.

Sl No.	Description of Work – to Conform to detailed technical specifications as per tender	Total Qty (NOS.)	UNIT RENTAL COST (RS.)			Total Quoted Quarterly rental rate (Excluding Taxes)	Total Rental for 5 years (Rs.)
			Quoted Unit Quarterly rental Equipment Cost for One Camera	Quoted Unit Quarterly Maintenance Cost One Camera (Excluding Service Tax)	Incidentals Like Interest On Capital (Excluding taxes)		
		A	B	C	D	E=A*(B+C+D)	F=E*20
1	IP Bases Outdoor type, Day and Night Surveillance Camera	18					
2	NVR Server (Including all Hardware and NVMS Software). Should be Rack Mountable.	As per Bidder's design					
3	Storage – For Providing 30 Days recording for all 18 Cameras as per requirement. Rack mountable	As per Bidder's design					
4	Networking (Including Cabling, Laying, Network Equipment,	As per Bidder's Design					

	Mounting hardware etc.)						
5	Power Backup	As Per Bidder's Design					
6	Monitoring Station with Minimum 32" LCD Displays	2 Nos.					

Outright Purchase cost of Each Unit Shall be 20 Times of Column B

DETAILS OF TAXES AND DUTIES:

I/we hereby declare that all the terms and conditions mentioned in this tender enquiry above are accepted by me/us.

Date
Name:
Address:

Stamp

Signature of the Bidder