

INDIAN INSTITUTE OF TECHNOLOGY DELHI
HAUZ KHAS, NEW DELHI-110016

Dated: 20/02/2015

Open Tender Notice No. IITD/SECR(SP-159)/2015

Indian Institute of Technology Delhi is in the process of purchasing following item(s) as per details as given as under.

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| Details of the item | Rate Contract for supply, installation, testing and commissioning of filled/charged fire extinguishers and fire safety equipments, and for re-filling these fire extinguishers |
| Earnest Money Deposit to be submitted | 1,00,000/- (Rupees one lakhs only) |

Tender Documents may be downloaded from Central Public Procurement Portal <http://eprocure.gov.in/eprocure/app> . Aspiring Bidders who have not enrolled / registered in e-procurement should enroll / register before participating through the website <http://eprocure.gov.in/eprocure/app> . The portal enrolment is free of cost. Bidders are advised to go through instructions provided at ‘Instructions for online Bid Submission ‘.

Tenderers can access tender documents on the website (For searching in the NIC site, kindly go to Tender Search option and type ‘IIT’. Thereafter, Click on “GO” button to view all IIT Delhi tenders). Select the appropriate tender and fill them with all relevant information and submit the completed tender document online on the website <http://eprocure.gov.in/eprocure/app> as per the schedule given in the next page.

No manual bids will be accepted. All quotation (both Technical and Financial should be submitted in the E-procurement portal).

Schedule

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| Name of Organization | Indian Institute of Technology Delhi |
| Tender Type (Open/Limited/EOI/Auction/Single) | Open |
| Tender Category (Services/Goods/works) | Goods |
| Type/Form of Contract (Work/Supply/ Auction/Service/Buy/Empanelment/ Sell) | Buy |
| Product Category (Civil Works/Electrical Works/Fleet Management/ Computer Systems) | Others |
| Is Multi Currency Allowed | No (INR) |
| Date of Issue/Publishing | 20/02/2015 (17:00 Hrs) |
| Document Download/Sale Start Date | 20/02/2015 (17:00 Hrs) |
| Document Download/Sale End Date | 12/03/2015 (17:00 Hrs) |
| Date for Pre-Bid Conference | 02/03/2015 (12:00 Hrs) |
| Venue of Pre-Bid Conference | Conference Room of Mech. Engg. Deptt., IIT Delhi, Hauz Khas, New Delhi-110016 |
| Last Date and Time for Uploading of Bids | 13/03/2015 (13:00 Hrs) |
| Date and Time of Opening of Technical Bids | 13/03/2015 (15:00 Hrs) |
| Tender Fee | --- |
| EMD | Rs.1,00,000/- in the name of Registrar IIT Delhi payable at New Delhi. Offline EMD should be submitted to the office of the purchaser as per address for communication. |
| No. of Covers (1/2/3/4) | 02 |
| Bid Validity days (180/120/90/60/30) | 90 days |
| Address for Communication | Prof. S. R. Kale Deptt. of Mechanical Engg., IIT Delhi, Hauz Khas, New Delhi-110016 |
| Contact No. | 011-2659-6139, 1127, 1712 |
| Fax No. | 011-2658-2058 |
| Email Address | srk@mech.iitd.ac.in |

**Chairman Purchase Committee
(Buyer Member)**

Instructions for Online Bid Submission:

As per the directives of Department of Expenditure, this tender document has been published on the Central Public Procurement Portal ([URL:http://eprocure.gov.in/eprocure/app](http://eprocure.gov.in/eprocure/app)). The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal.

More information useful for submitting online bids on the CPP Portal may be obtained at:

<http://eprocure.gov.in/eprocure/app>

REGISTRATION

- 1) Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal ([URL:http://eprocure.gov.in/eprocure/app](http://eprocure.gov.in/eprocure/app)) by clicking on the link “Click here to Enroll”. Enrolment on the CPP Portal is free of charge.
- 2) As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
- 3) Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
- 4) Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class II or Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / TCS / nCode / eMudhra etc.), with their profile.
- 5) Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSCs to others which may lead to misuse.
- 6) Bidder then logs in to the site through the secured log-in by entering their userID / password and the password of the DSC / eToken.

SEARCHING FOR TENDER DOCUMENTS

- 1) There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, organization name, location, date, value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as organization name, form of contract, location, date, other keywords etc. to search for a tender published on the CPP Portal.
- 2) Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective ‘My Tenders’ folder. This would enable the CPP Portal to intimate the bidders through SMS / e-mail in case there is any corrigendum issued to the tender document.
- 3) The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.

PREPARATION OF BIDS

- 1) Bidder should take into account any corrigendum published on the tender document before submitting their bids.
- 2) Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the

bid documents have to be submitted, the number of documents - including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.

- 3) Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF / XLS / RAR / DWF formats. Bid documents may be scanned with 100 dpi with black and white option.
- 4) To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use “My Space” area available to them to upload such documents. These documents may be directly submitted from the “My Space” area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

SUBMISSION OF BIDS

- 1) Bidder should log into the site well in advance for bid submission so that he/she upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
- 2) The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- 3) Bidder has to select the payment option as “offline” to pay the tender fee / EMD as applicable and enter details of the instrument.
- 4) A standard BoQ format has been provided with the tender document to be filled by all the bidders. Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. Bidders are required to download the BoQ file, open it and complete the white coloured (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BoQ file is found to be modified by the bidder, the bid will be rejected.

OR

In some cases Financial Bids can be submitted in PDF format as well (in lieu of BOQ).

- 5) The server time (which is displayed on the bidders’ dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
- 6) All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128 bit encryption technology. Data storage encryption of sensitive fields is done.
- 7) The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- 8) Upon the successful and timely submission of bids, the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
- 9) Kindly add scanned PDF of all relevant documents in a single PDF file of compliance sheet.

ASSISTANCE TO BIDDERS

- 1) Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.
- 2) Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk. The contact number for the helpdesk is 1800 233 7315.

General Instructions to the Bidders

- 1) The tenders will be received online through portal <http://eprocure.gov.in/eprocure/app> . In the Technical Bids, the bidders are required to upload all the documents in .pdf format.
- 2) Possession of a Valid Class II/III Digital Signature Certificate (DSC) in the form of smart card/e-token in the company's name is a prerequisite for registration and participating in the bid submission activities through <https://eprocure.gov.in/eprocure/app> . Digital Signature Certificates can be obtained from the authorized certifying agencies, details of which are available in the web site <https://eprocure.gov.in/eprocure/app> under the link “Information about DSC”.
- 3) Tenderer are advised to follow the instructions provided in the ‘Instructions to the Tenderer for the e-submission of the bids online through the Central Public Procurement Portal for e Procurement at <https://eprocure.gov.in/eprocure/app> .

SECURTIY UNIT
INDIAN INSTITUTE OF TECHNOLOGY
HAUZKHAS, NEW DELHI-110 016

NOTICE INVITING QUOTATIONS

Dated : 20/02/2015

Subject : Rate Contract (RC) for supply, installation, testing and commissioning of filled/charged fire extinguishers and fire safety equipments, and for re-filling these fire extinguishers

Invitation for Tender Offers

Indian Institute of Technology Delhi invites online Bids (Technical bid and Commercial bid) from eligible and experienced OEM (Original Equipment Manufacturer) OR OEM Authorized Dealer for **supply, installation, testing and commissioning of filled/charged fire extinguishers and fire safety equipments, and for re-filling these fire extinguishers for three years**, with three years on site comprehensive warranty from the date of receipt of the material as per terms and conditions specified in the tender document, which is available on CPP Portal <http://eprocure.gov.in/eprocure/app>

TECHNICAL SPECIFICATION:

List of the items to be procured are as under:-

| S. No. | ITEM | QTY* in Nos. |
|---|---|--------------|
| Category 'A' (Water Based Fire Extinguisher) | | |
| 1 | Water Gas pressure type fire extinguisher 9.0 Ltr. Capacity | 875 |
| 2 | Water Gas pressure type fire extinguisher 50 Ltr. Capacity | 03 |
| 3 | AFFF (Mechanical Foam) fire extinguisher 9 Ltr. Capacity | 234 |
| 4 | AFFF (Mechanical Foam) fire extinguisher 50 Ltr. Capacity | 14 |
| 5 | Stored Pressure Water Mist based Portable Fire Extinguishers 03 Ltr. | 20 |
| Category 'B' (Gas Based Fire Extinguisher) | | |
| 6 | Carbon dioxide CO ₂ (Aluminum) type fire extinguisher 4.5 kg. capacity | 250 |
| 7 | Carbon dioxide CO ₂ (M.S) type fire extinguisher 4.5 kg. capacity | 1300 |
| 8 | Carbon dioxide CO ₂ (M.S) type fire extinguisher 6.5 kg. capacity | 37 |
| 9 | Clean Agent (HCFC-123) type fire extinguisher 500 gms. Capacity | 600 |
| 10 | Clean Agent (HFC- 236) type fire extinguisher 2.0 kg. capacity | 198 |
| 11 | Clean Agent (HFC- 236) type fire extinguisher 4.0 kg. capacity | 12 |
| Category 'C' (Powder Based Fire Extinguisher & Safety equipment) | | |
| 12 | ABC (MAP 90%) type fire extinguisher 2 kg capacity | 210 |
| 13 | ABC (MAP 90%) type fire extinguisher 4kg capacity | 210 |
| 14 | Metal Fire Extinguishers (Lite Metal Fires) 04 kg. | 50 |
| 15 | Escape gear kit box with one pair blanket & Smoke Hood | 50 |

*** The number given here is the tentative quantity to be procured within one year as per the need of the Institute. The refilling shall be as per the relevant IS code.**

Bidder should quote for all the items for specific category. Total quote of each category will be calculated by adding the individual cost of each category. An illustration of calculating total cost is given under:-

| S. No. | ITEM | QTY. in Nos. | Unit Rate | Amount | Total cost of the category | Per Unit refilling charges (Not counted towards evaluation) |
|---------------------|-------|--------------|-----------|--------|-------------------------------|---|
| Category 'A' | | | | | | |
| 1 | AA | 50 | 10 | 500 | 1325 (500+600+225) | |
| 2 | AAA | 30 | 20 | 600 | | |
| 3 | AAAA | 15 | 15 | 225 | | |
| Category 'B' | | | | | | |
| 4 | BB | 75 | 10 | 750 | 1445 (750+425+270) | |
| 5 | BBB | 17 | 25 | 425 | | |
| 6 | BBBB | 18 | 15 | 270 | | |
| Category 'C' | | | | | | |
| 7 | CC | 65 | 25 | 1625 | 2265 (1625+420+170 +50) | |
| 8 | CCC | 28 | 15 | 420 | | |
| 9 | CCCC | 17 | 10 | 170 | | |
| 10 | CCCCC | 10 | 05 | 50 | | |

A complete set of tender documents* may be Download by prospective bidder free of cost from the website <http://eprocure.gov.in/eprocure/app>. Bidder has to make payment of requisite fees (i.e. Tender fees (if any) and EMD) by demand draft in favour of Registrar, IIT Delhi payable at New Delhi.

Terms & Conditions Details

| S. No. | Specification |
|--------|--|
| 1. | Due date: The tender has to be submitted before the due date. The offers received after the due date and time will not be considered. |
| 2. | Preparation of Bids: The offer/bid should be submitted in two bids system (i.e.) Technical bid and Financial bid. The technical bid should consist of all technical details along with commercial terms and conditions. Financial bid should indicate item wise price for the items mentioned in the technical bid in the given format .PDF format. The Technical bid and the financial bid should be submitted Online ONLY. |
| 3. | EMD: The tenderer should submit an EMD amount by way of Demand Draft drawn in favour of “Registrar, Indian Institute of Technology, Delhi” and payable at New Delhi from any nationalized bank valid for six months. The Technical Bid without EMD would be considered as UNRESPONSIVE and will not be accepted. The EMD will be returned without any interest to the unsuccessful bidders immediately after the award of contract. Till further notice EMD should be submitted offline of IIT Delhi. Refer to Schedule (at page 2) for its actual place of submission. |
| 4. | Refund of EMD: The EMD will be returned to unsuccessful Tenderer only after the Tenders are finalized. In case of successful Tenderer, it will be retained till the successful and complete installation of the equipment. |
| 5. | Opening of the tender: The online bid will be opened by a committee duly constituted for this purpose. Online bids (complete in all respect) received along with Demand Draft of EMD (Physically) will be opened as mentioned at “Annexure: Schedule” in presence of bidders |

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| | <p>representative if available, Only one representative will be allowed to participate in the tender opening. Bid received without EMD will be rejected straight way. The technical bid will be opened online first and it will be examined by a technical committee which will decide the suitability as per the specifications and requirements. The financial offer/bid will be opened only for the offer/bid which technically meets all our requirements as per the specification, and will be opened in the presence of the vendor's representatives subsequently for further evaluation. The bidders if interested may participate on the tender opening Date and Time. The bidder should produce authorization letter from their company to participate in the tender opening.</p> |
| 6. | <p>Acceptance/ Rejection of bids: The Committee reserves the right to reject any or all offers without assigning any reason.</p> |
| 7. | <p>Prepare the bids:</p> <p>I. Fee and Eligibility bid criteria:</p> <p>The following are the eligibility conditions for participating in the tender process. These conditions are essential to be satisfied for any further considerations. Any bid found lacking on one or more of these will be disqualified at eligibility stage itself. This part of the bid must have documentary proofs in support of following mentioned documents:</p> <p>(i) Only Original Equipment Manufacturer or his authorized dealer can participate in the tender.</p> <p>(ii) The bidder shall furnish EMD Rs. 1,00,000/-(Rupees one lakhs only) in the form of :-</p> <p>(a) A Demand Draft issued by Nationalized Bank/scheduled Commercial Bank for six months validity. or</p> <p>(b) A Bankers Cheque of Nationalized Bank/scheduled Commercial Bank.</p> <p>(c) Bank Guarantee from Nationalized Bank drawn in the favour of "Registrar IIT Delhi"..</p> <p>(iii) Minimum turnover of the manufacturer during each of the last three financial years (i.e 2011-12, 2012-13, 2013-14) should not be less than Rs. 10,00,00,000/- (Rs. Ten Crores). The bidder should submit year- wise Profit & Loss Account, and year wise balance sheet certified by the Chartered Accountant for the year 2011-2012, 2012-2013 and 2013-2014 with the tender document.</p> <p>(iv) The bidder should have a valid Letter of Authorization from OEM and this authorization letter must be submitted along with the tender.</p> <p>(v) Copy of Registration number of the bidder firm along with the LST/CST/WCT No. and the PAN Number allotted by the concerned authorities.</p> <p>(vi) The Workstation/works/factory of the of manufacturer must be ISO 9001 and OSHAS 18001 certified.</p> <p>(vii) Bidder and OEM should not be banned/blacklisted by any Indian Govt. organization.</p> <p>(viii) Each document of the Basic documents should be signed by the authorized signatory with company stamp.</p> <p>(ix) Every bidder is required to submit a sample of each item along with the bid at the security office of IIT Delhi. The sample of successful bidders shall be retained and others will be returned along with the EMD.</p> <p>(x) Supply of new charged/refilled fire extinguishers. The bidder shall deliver and installed the equipment in the space earmarked from the same at various locations/buildings of IIT Campus. For recharging/re-filling of fire extinguishers, The scope includes pick-up from various location in IIT Delhi campus and refilling/ charged equipments to the same or any other location in the campus. All activities /tasks, such as transport, handling, testing, charging-cleaning, re-filling etc. are in the scope of the bid.</p> <p>(xi) All bidders must mention their individual re-filling charges (which is not counted towards financial evaluation).</p> <p>Note: Bids with Eligibility Documents not submitted with Titles at top of the each document as</p> |

mentioned above may be rejected.

II. Technical Bid

Online Technical bid must be submitted in an organized and structured manner. No brochures/ leaflets/ data sheets etc. should be submitted in loose form. The Technical offer should comprise of the following documents:

- (i) A letter of authority duly signed by an authorized signatory of the firm. Such person signing the tender shall be deemed that he/she has the authority to sign the tender on behalf of the said company.
- (ii) Certifications:
 - (a) The OEM/bidder shall submit required product certifications like CE & IS
 - (b) Other Quality assurance certificates like ISO 9001; ISO 10002 & OSHAS 18001 shall also be submitted.
- (iii) Manufacturing Units registered as SSI unit would be given preference as per Public Procurement Policy 2012. The bidder needs to submit supporting documents along with bid offer.
- (iv) Compliance statement may be filled in clearly without any change in it and submitted with the Technical Bid.
- (v) List of major customers/clients (preferably Government Organization) of similar supply by bidder/OEM in last three years.
- (vi) Copies of certificates from clients for successfully carrying out similar supply and installation.
- (vii) Preference would be given to those bidders who have quoted for all items in a category and are capable of providing Supply, Installation, Testing, Commissioning and re-filling of the equipments.
- (viii) Each documents of the Technical bid should be signed by the authorized signatory with company stamp.

II. Financial Bid

- (i) Cost (with unit rates) of items (as per the tender specifications listed) (Price Bid Format). The quoted rates to be separate for (a) Supply of new filled/charged fire extinguishers, and (b) Refilling/recharging, as per the scope detailed in the documents.
- (ii) The total costs should be given both in Figures and Words. Government Levies like Sales Tax, Octroi, Excise Duty, Work Contract Tax (WCT) and Educational Cess etc., if any, shall be paid at actual rates applicable on the date of delivery. Rates should be quoted accordingly giving the basic price, inclusive of all duties and taxes etc., if any. The rates for re-filling shall be quoted separately.
- (iii) The rates quoted should be applicable to educational institutions, and any cost advantage received in lieu thereof should be passed on to the Institute.
- (iv) Bidder must quote for all the items in a particular category, otherwise bid will be rejected for the category.
- (v) Rates should be quoted in Indian currency.
- (vi) Each page of the financial bid should be signed by the authorized signatory with company stamp.

8. **Performance Security:** The supplier shall require to submit the performance security in the form of irrevocable bank guarantee issued by any Indian Nationalized Bank for an amount which is equal to the **5%** of FOB value within 21 days from the date of receipt of the purchase order/LC

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| | and should be kept valid for a period of 60 days beyond the date of completion of warranty period. |
| 9. | <p>Force Majeure: The Supplier shall not be liable for forfeiture of its performance security, liquidated damages or termination for default, if and to the extent that, it's delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.</p> <ul style="list-style-type: none"> ● For purposes of this Clause, "Force Majeure" means an event beyond the control of the Supplier and not involving the Supplier's fault or negligence and not foreseeable. Such events may include, but are not limited to, acts of the Purchaser either in its sovereign or contractual capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes. ● If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such conditions and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event. |
| 10. | <p>Risk Purchase Clause: In event of failure of supply of the item/equipment within the stipulated delivery schedule, the purchaser has all the right to purchase the item/equipment from the other source on the total risk of the supplier under risk purchase clause.</p> |
| 11. | <p>Packing Instructions: Each package will be marked on three sides with proper paint/indelible ink, the following:</p> <ol style="list-style-type: none"> i. Item Nomenclature ii. Order/Contract No. iii. Country of Origin of Goods iv. Supplier's Name and Address v. Consignee details vi. Packing list reference number |
| 12. | <p>Delivery and Documents:</p> <p>Delivery of the goods should be made within 06-08 weeks from the date of placement of purchase order. Within 24 hours of shipment, the supplier shall notify the purchaser and the insurance company by cable/telex/fax/e mail the full details of the shipment including contract number, railway receipt number/ AAP etc. and date, description of goods, quantity, name of the consignee, invoice etc. The supplier shall mail the following documents to the purchaser with a copy to the insurance company:</p> <ol style="list-style-type: none"> 1. 4 Copies of the Supplier invoice showing contract number, goods' description, quantity 2. unit price, total amount; 3. Insurance Certificate if applicable; 4. Manufacturer's/Supplier's warranty certificate; 5. Inspection Certificate issued by the nominated inspection agency, if any 6. Supplier's factory inspection report; and 7. Certificate of Origin (if possible by the beneficiary); 8. Two copies of the packing list identifying the contents of each package. 9. The above documents should be received by the Purchaser before arrival of the Goods (except where the Goods have been delivered directly to the Consignee with all documents) and, if not received, the Supplier will be responsible for any consequent expenses. |

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| 13. | Delayed delivery: If the delivery is not made within the due date for any reason, the Committee will have the right to impose penalty 0.5% per week and the maximum deduction is 5% of the contract value / price. |
| 14. | Prices: The price should be quoted in net per unit (after breakup) and must include all packing and delivery charges. The offer/bid should be exclusive of taxes and duties, which will be paid by the purchaser as applicable. However the percentage of taxes & duties shall be clearly indicated. The price should be quoted without custom duty and excise duty, since IIT Delhi is exempted from payment of Excise Duty and is eligible for concessional rate of custom duty. Necessary certificate will be issued on demand. In case of import supply the price should be quoted on FOR Basis only. |
| 15. | Notices: For the purpose of all notices, the following shall be the address of the Purchaser and Supplier. Purchaser: Prof. S. R. Kale, Mech. Engg. Deptt., Indian Institute of Technology Hauz Khas, New Delhi - 110016. Supplier: (To be filled in by the supplier) (All suppliers should submit its supplies information as per Annexure-II). _____ _____ |
| 16. | Resolution of Disputes: The dispute resolution mechanism to be applied pursuant shall be as follows: <ul style="list-style-type: none">• In case of Dispute or difference arising between the Purchaser and a domestic supplier relating to any matter arising out of or connected with this agreement, such disputes or difference shall be settled in accordance with the Indian Arbitration & Conciliation Act, 1996, the rules there under and any statutory modifications or re-enactments thereof shall apply to the arbitration proceedings. The dispute shall be referred to the Director, Indian Institute of Technology (IIT) Delhi and if he is unable or unwilling to act, to the sole arbitration of some other person appointed by him willing to act as such Arbitrator. The award of the arbitrator so appointed shall be final, conclusive and binding on all parties to this order.• In the case of a dispute between the purchaser and a Foreign Supplier, the dispute shall be settled by arbitration in accordance with provision of sub-clause (a) above. But if this is not acceptable to the supplier then the dispute shall be settled in accordance with provisions of UNCITRAL (United Nations Commission on International Trade Law) Arbitration Rules.• The venue of the arbitration shall be the place from where the order is issued. |
| 17. | Applicable Law: The place of jurisdiction would be New Delhi (Delhi) INDIA. |
| 18. | Right to Use Defective Goods If after delivery, acceptance and installation and within the guarantee and warranty period, the operation or use of the goods proves to be unsatisfactory, the Purchaser shall have the right to continue to operate or use such goods until rectifications of defects, errors or omissions by repair or by partial or complete replacement is made without interfering with the Purchaser's operation. |
| 19. | Supplier Integrity The Supplier is responsible for and obliged to conduct all contracted activities in accordance with the Contract using state of the art methods and economic principles and exercising all means |

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| | available to achieve the performance specified in the contract. |
| 20. | Training The Supplier is required to provide training on training to the designated Purchaser's technical and end user personnel to enable them to effectively operate the total equipment. |
| 21. | Installation & Demonstration The supplier is required to done the installation and demonstration of the equipment within one month of the arrival of materials at the IITD site of installation, otherwise the penalty clause will be the same as per the supply of materials. IIT Delhi will have the right to reject the component/equipments supplied, if it does not comply with the specifications at any point of installation/inspections |
| 22. | Insurance: For delivery of goods at the purchaser's premises, the insurance shall be obtained by the Supplier in an amount equal to 110% of the value of the goods from "warehouse to warehouse" (final destinations) on "All Risks" basis including War Risks and Strikes. The insurance shall be valid for a period of not less than 3 months after installation and commissioning. In case of orders placed on FOR/FCA basis, the purchaser shall arrange Insurance. If orders placed on CIF/CIP basis, the insurance should be up to IIT Delhi. |
| 23. | Incidental services: The incidental services also include: <ul style="list-style-type: none"> ● Furnishing of 01 set of detailed operations & maintenance manual. ● Arranging the shifting/moving of the item to their location of final installation within IITD premises at the cost of Supplier through their Indian representatives. |
| 24. | Warranty: 1. Warranty period shall be 36 months from date of installation of Goods at the IITD site of installation. The Supplier shall, in addition, comply with the performance and/or consumption guarantees specified under the contract. If for reasons attributable to the Supplier, these guarantees are not attained in whole or in part, the Supplier shall at its discretion make such changes, modifications, and/or additions to the Goods or any part thereof as may be necessary in order to attain the contractual guarantees specified in the Contract at its own cost and expense and to carry out further performance tests. The warranty should be comprehensive on site. Note: <u>If a different period of warranty has been specified in the 'Technical Specifications' then the period mentioned above shall stand modified to that extent.</u> 2. The Purchaser shall promptly notify the Supplier in writing of any claims arising under this warranty. Upon receipt of such notice, the Supplier shall immediately within in 02 days arrange to repair or replace the defective goods or parts thereof free of cost at the ultimate destination. The Supplier shall take over the replaced parts/goods at the time of their replacement. No claim whatsoever shall lie on the Purchaser for the replaced parts/goods thereafter. The period for correction of defects in the warranty period is 02 days. If the supplier having been notified fails to remedy the defects within 02 days, the purchaser may proceed to take such remedial action as may be necessary, at the supplier's risk and expenses and without prejudice to any other rights, which the purchaser may have against the supplier under the contract. |
| 25. | Taxes and Duties Suppliers shall be entirely responsible for all taxes, duties, license fees, octroi, road permits, etc., incurred until delivery of the contracted Goods to the Purchaser. However, VAT in respect of the transaction between the Purchaser and the Supplier shall be payable extra, if so stipulated in the order. |
| 26. | User list: Brochure detailing technical specifications and performance, list of industrial and educational establishments where the items enquired have been supplied must be provided. |
| 27. | Manuals and Drawings |

| | |
|-----|---|
| | <ul style="list-style-type: none"> ● Before the goods and equipment are taken over by the Purchaser, the Supplier shall supply operation and maintenance manuals. These shall be in such details as will enable the Purchaser to operate, maintain, adjust and repair all parts of the works as stated in the specifications. ● The Manuals shall be in the ruling language (English) in such form and numbers as stated in the contract. ● Unless and otherwise agreed, the goods equipment shall not be considered to be completed for the purposes of taking over until such manuals and drawing have been supplied to the Purchaser. |
| 28. | Application Specialist: The Tenderer should mention in the Techno-Commercial bid the availability and names of Application Specialist and Service Engineers in the nearest regional office. |
| 29. | Installation: The equipment or machinery has to be installed or commissioned by the successful bidder within 30 days from the date of receipt of the item at IITD. In case of any mishappening/damage to equipment and supplies during the carriage of supplies from the origin of equipment to the installation site, the supplier has to replace it with new equipment/supplies immediately at his own risk. Supplier will settle his claim with the insurance company as per his convenience. IITD will not be liable to any type of losses in any form. |
| 30. | <p>Spare Parts</p> <p>The Supplier may be required to provide any or all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the Supplier:</p> <ol style="list-style-type: none"> i. Such spare parts as the Purchaser may elect to purchase from the Supplier, providing that this election shall not relieve the Supplier of any warranty obligations under the Contract; and ii. In the event of termination of production of the spare parts: iii. Advance notification to the Purchaser of the pending termination, in sufficient time to permit the Purchaser to procure needed requirements; and iv. Following such termination, furnishing at no cost to the Purchaser, the blueprints, drawings and specifications of the spare parts, if requested. <p>Supplier shall carry sufficient inventories to assure ex-stock supply of consumable spares for the Goods, such as gaskets, plugs, washers, belts etc. Other spare parts and components shall be supplied as promptly as possible but in any case within six months of placement of order.</p> |
| 31. | Defective Equipment: If any of the equipment supplied by the Tenderer is found to be substandard, refurbished, un-merchantable or not in accordance with the description/specification or otherwise faulty, the committee will have the right to reject the equipment or its part. The prices of such equipment shall be refunded by the Tenderer with 18% interest if such payments for such equipment have already been made. All damaged or unapproved goods shall be returned at suppliers cost and risk and the incidental expenses incurred thereon shall be recovered from the supplier. Defective part in equipment, if found before installation and/or during warranty period, shall be replaced within 45 days on receipt of the intimation from this office at the cost and risk of supplier including all other charges. In case supplier fails to replace above item as per above terms & conditions, IIT Delhi may consider "Banning" the supplier. |
| 32. | <p>Termination for Default</p> <p>The Purchaser may, without prejudice to any other remedy for breach of contract, by written notice of default sent to the Supplier, terminate the Contract in whole or part:</p> <ol style="list-style-type: none"> i. If the Supplier fails to deliver any or all of the Goods within the period(s) specified in the order, or within any extension thereof granted by the Purchaser; or |

| | |
|-----|---|
| | <p>ii If the Supplier fails to perform any other obligation(s) under the Contract.</p> <p>iii If the Supplier, in the judgment of the Purchaser has engaged in corrupt or fraudulent practices in competing for or in executing the Contract.</p> <ul style="list-style-type: none"> ● For the purpose of this Clause: <ul style="list-style-type: none"> i. “Corrupt practice” means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution. ii. “Fraudulent practice” means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Borrower, and includes collusive practice among Bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the Borrower of the benefits of free and open competition;” ● In the event the Purchaser terminates the Contract in whole or in part, the Purchaser may procure, upon such terms and in such manner, as it deems appropriate, Goods or Services similar to those undelivered, and the Supplier shall be liable to the Purchaser for any excess costs for such similar Goods or Services. However, the Supplier shall continue the performance of the Contract to the extent not terminated. |
| 33. | <p>Warranty/Guarantee: The warranty period should be clearly mentioned. The maintenance charges (AMC) under different schemes after the expiry of the warranty should also be mentioned. The tender must be quoted with three (03) years on-site comprehensive warranty/guarantee which will commence from the date of the satisfactory installation/commissioning of the equipment against the defect of any manufacturing, workmanship and poor quality of the components.</p> <p>After the warranty period is over, Annual Maintenance Contract (AMC)/Comprehensive Maintenance Contract (CMC) up to next five years should be started. The AMC/CMC charges will not be included in computing the total cost of the equipment.</p> |
| 34. | <p>Downtime: During the warranty period not more than 5% downtime will be permissible. For every day exceeding permissible downtime, penalty of 1/365 of the 5% FOB value will be imposed. Downtime will be counted from the date and time of the filing of complaint within the business hours.</p> |
| 35. | <p>Training of Personnel: The supplier shall be required to undertake to provide the technical training to the personnel involved in the use of the equipment at the Institute premises, immediately after completing the installation of the equipment for a minimum period of one week at the supplier’s cost.</p> |
| 36. | <p>Disputes and Jurisdiction: Any legal disputes arising out of any breach of contract pertaining to this tender shall be settled in the court of competent jurisdiction located within New Delhi.</p> |
| 37. | <p>Compliance certificate: This certificate must be provided indicating conformity to the technical specifications.</p> |
| 38. | <p>Acknowledgement: It is hereby acknowledged that we have gone through all the conditions mentioned above and we agree to abide by them.</p> |

COMPLIANCE SHEET

TECHNICAL SPECIFICATION

ITEM No. 1

Supplying and fixing of Water type fire extinguishers (Stored pressure) ISI marked conforming to IS: 15683: 2006 capacity 9 liters complete with squeeze grip release valve, magnetic pressure gauge indicator, safety clip & crack proof EPDM rubber hosepipe.

| Product Technical Specification | Compliance YES/NO |
|--|--------------------------|
| Water Gas Pressure type Fire Extinguishers (Stored pressure) capacity 9.0 liters | |
| The extinguishers should be pressurized using high grade dry nitrogen as per IS 1747 standard. OEM declaration should be submitted | |
| The extinguisher must have controllable discharge mechanism (squeeze grip) to provide flexibility of releasing extinguishing agent on targeted fire location, with crack proof EPDM rubber hosepipe. | |
| The current and valid BIS certification IS: 15683 needs to be submitted along with offer. | |
| The Product should be EN Approved and CE marked. | |
| Each vessel needs to be checked for tensile strength up to 35 kg/cm ² and manufacturer has to submit hydrostatic pressure testing certificate for the same. | |
| Discharge time not less than 13 seconds. | |
| Minimum effective range 10 meters. | |
| Applicable on A class fires. | |
| The firm must submit the valid product performance test report from NABL accredited. Government laboratory towards desired fire ratings. | |
| Serial no. and date of manufacturing should be embossed on the body of the fire extinguisher. | |
| External coating of Can Epoxy polyester powder coating on external body of the fire extinguisher is required. | |

I have also enclosed all relevant documents in support of my claims, (as above) in the following pages.

Signature of Bidder

Name : _____

Designation : _____

Organization Name : _____

Contact No. : _____

ITEM No. 2

Supplying and fixing of Water type fire extinguishers, ISI marked (stored pressure) conforming to IS: 13385:1992 capacity 50 liters complete with pressure gauge indicator, safety clip, crack proof EPDM rubber hosepipe, trolley mounted.

| Product Technical Specification | Compliance YES/NO |
|--|------------------------------|
| Water Pressure type Fire Extinguishers capacity 50 lits. | |
| The Extinguisher must have controllable discharge mechanism (Squeeze grip) to provide flexibility of releasing extinguishing agent on targeted fire location, with crack proof EPDM rubber hosepipe. | |
| The current and valid BIS certification IS: 13385:1992 needs to be submitted along with offer. | |
| Trolley mounted type for easy weight management. | |
| The Product should be EN Approved and CE marked. | |
| The Extinguishers shall be pressurized using PESO approved CO ₂ booster 200g | |
| Each vessel needs to be checked for tensile strength up to 35 kg/cm ² and manufacturer has to submit hydrostatic pressure testing certificate for the same. | |
| Discharge time 60-180 seconds. | |
| Minimum effective range 06 meters. | |
| Applicable on A class Fires. | |
| Serial no. and date of manufacturing should be embossed on the body of the fire extinguisher. | |
| External coating of Can, Epoxy polyester powder coating on external body of the fire extinguisher is required. | |

I have also enclosed all relevant documents in support of my claims, (as above) in the following pages.

Signature of Bidder

Name : _____

Designation : _____

Organization Name : _____

Contact No. : _____

ITEM No. 3

Supplying and fixing of Mechanical Foam (AFFF) portable fire extinguishers (stored pressure) type ISI marked conforming to IS: 15683: 2006 capacity 9 liters complete with squeeze grip release valve, magnetic pressure gauge indicator, safety clip & crack proof EPDM Rubber hosepipe.

| Product Technical Specification | Compliance YES/NO |
|---|--------------------------|
| AFFF (Mechanical Foam) Fire Extinguishers capacity 9 lits. | |
| The current and valid BIS certification IS: 15683 needs to be submitted along with offer. | |
| The chemical used in the foaming agent shall be bio-degraded able. Non-ozone depleting chemicals and non-toxic in nature. The water and foaming agent shall be mixed in such a proportion so as to be ensure concentration AFFF does not exceed 6%. | |
| The extinguishers should be pressurized using high grade dry nitrogen as per IS 1747 standard. OEM declaration should be submitted. | |
| MSDS of the AFFF Foam needs to be submitted along with the offer. | |
| The Product should be EN Approved and CE marked. | |
| Each vessel needs to be checked for tensile strength up to 35 kg/cm ² and manufacturer has to submit hydrostatic pressure testing certificate for the same. | |
| The Extinguisher must have controllable discharge mechanism (squeeze grip) to provide flexibility of releasing extinguishing agent on targeted fire location, with crack proof EPDM rubber hosepipe. | |
| The AFFF Foam confirm to IS 4989 standard. The bidder should submit the copy of IS 4989 standards. | |
| Discharge time not less than 13 seconds. | |
| Minimum effective range 4 meters. | |
| Applicable on class A & B fires. | |
| The firm must submit the valid product performance test report from NABL accredited Government laboratory towards desired fire ratings. | |
| Serial no. and date of manufacturing should be embossed on the body of the fire extinguisher. | |
| External coating of Can, Epoxy polyester powder coating on external body of the fire extinguisher is required. | |

I have also enclosed all relevant documents in support of my claims, (as above) in the following pages.

Signature of Bidder

Name : _____

Designation : _____

Organization Name : _____

Contact No. : _____

ITEM No. 4

Supplying and fixing of Mechanical Foam (AFFF) fire extinguishers, ISI marked (stored pressure) conforming to IS: 13386-1992 capacity 50 liters pressure gauge indicator, safety clip, crack proof EPDM rubber hosepipe, trolley mounted.

| Product Technical Specification | Compliance YES/NO |
|---|--------------------------|
| AFFF (Mechanical Foam) Fire Extinguishers capacity 50lits. | |
| The chemical used in the foaming agent shall be bio-degraded able. Non-ozone depleting chemicals and non-toxic in nature. The water and foaming agent shall be mixed in such a proportion so as to be ensure concentration AFFF does not exceed 6%. | |
| MSDS of the AFFF Foam needs to be submitted along with the offer. | |
| The extinguisher must have controllable discharge mechanism (squeeze grip) to provide flexibility of releasing extinguishing agent on targeted fire location, with crack proof EPDM Rubber hosepipe. | |
| The current and valid BIS certification IS: 13386:1992 needs to be submitted along with offer. | |
| Trolley mounted type for easy weight management. | |
| The product should be EN Approved and CE marked. | |
| The extinguishers shall be pressurized using PESO approved CO ² booster 300 g. | |
| Each vessel needs to be checked for tensile strength up to 35 kg/cm ² and manufacturer has to submit hydrostatic pressure testing certificate for the same. | |
| The AFFF Foam confirm to IS 4989 Standard. The bidder should submit the copy of IS 4989 standards. | |
| Discharge time 40-180 seconds. | |
| Minimum effective range 10 meters. | |
| Applicable on class A & B fires. | |
| Serial no. and date of manufacturing should be embossed on the body of the fire extinguisher. | |
| External coating of Can, Epoxy polyester powder coating on external body of the fire extinguisher is required. | |

I have also enclosed all relevant documents in support of my claims, (as above) in the following pages.

Signature of Bidder

Name : _____

Designation : _____

Organization Name : _____

Contact No. : _____

ITEM No. 5

Supplying and fixing of Stored Pressure Water Mist based Portable Fire Extinguishers 03 liters capacity (at stored pressure) complete with squeeze grip release valve, pressure gauge, crack proof EPDM rubber hosepipe and safety clip.

| Product Technical Specification | Compliance YES/NO |
|--|--------------------------|
| Stored Pressure Water Mist based Portable Fire Extinguishers 03 liters. | |
| The Extinguisher must have controllable discharge mechanism (squeeze grip release valve) to provide flexibility of releasing extinguishing agent on targeted fire location, with crack proof EPDM rubber hosepipe. | |
| Water mist portable fire extinguisher capable of producing fine mist of less than 80 micrometer size. OEM declaration for microns size shall be submitted along with the offer. | |
| The body of the extinguisher shall be of Solid Stainless Steel to withstand high temperatures | |
| The mist generation should be based on pulse mist generating device (modified dip tube to mix nitrogen and water to create fine mist at the nozzle). | |
| The extinguisher must have pressure gauge. | |
| Must uses distilled water as an extinguishing agent. | |
| Suitable on Class-A, Class-B and electrically started fires. | |
| Each vessel needs to be checked for tensile strength up to 35 kg/cm ² and Manufacturer has to submit hydrostatic pressure testing certificate for the same. | |
| Discharge time not less than 13 seconds. | |
| Minimum effective range 2 meters. | |
| The product should be EN Approved and CE marked. Valid certificate as on date needs to be submitted along with the bid. | |
| ERDA approval for leakage current as per (Cl. No. 8.6) of IS 15683:2006 & (Cl. No. 09) of EN 3-7:2004+A1:2007 (E). | |
| Serial no. and date of manufacturing should be embossed on the body of the fire extinguisher. | |
| External coating of Can, Epoxy polyester powder coating on external body of the fire extinguisher is required. | |

I have also enclosed all relevant documents in support of my claims, (as above) in the following pages.

Signature of Bidder

Name : _____

Designation : _____

Organization Name : _____

Contact No. : _____

ITEM No. 6

Supplying and fixing of Carbon-di-Oxide (CO₂) Gas type portable fire extinguishers (Aluminum) capacity 4.5 kg complete with squeeze grip discharge mechanism, pressure gauge indicator, safety clip, EPDM Rubber hosepipe with trolley mounted.

| Product Technical Specification | Compliance YES/NO |
|--|------------------------------|
| CO₂ Gas based (Aluminum) type Fire Extinguishers Capacity 4.5 kg. | |
| Vessel used in the manufacturing should be constructed using seamless aluminum alloy 6061 quenched and tempered. The composition of alloy as specified in ISO 7866 : 1999. | |
| The carbon-di-oxide gas shall conform to IS: 15222 with latest amendment. | |
| The product should be EN & PESO Approved & CE Marked. | |
| Discharge valve should be IS : 3224. | |
| Filling ratio not to exceed 0.667 of the water capacity of each cylinder by weight. | |
| The vessel must be must be approved by PESO and hydrostatic pressured test report to be submitted along with the quantities supplied. | |
| The bidder must have valid PESO license to refill and store compress gas in cylinder as per Gas Cylinder Rules:2004. | |
| Used unused mechanism. | |
| The extinguisher must have controllable discharge mechanism (squeeze grip) to provide flexibility of releasing extinguishing agent on targeted fire location. | |
| Discharge time minimum shall be 13 seconds. | |
| Minimum effective range 02 meters. | |
| Applicable on B, C & electricity started fires. | |
| Extinguisher should be fitted with the ergonomically designed appropriate handle on the center of the body so that the extinguisher could be carried horizontally if required. | |
| Serial no. and date of manufacturing should be embossed on the body of the fire extinguisher. | |
| External coating of Can, Epoxy polyester powder coating on external body of the fire extinguisher is required. | |

I have also enclosed all relevant documents in support of my claims, (as above) in the following pages.

Signature of Bidder

Name : _____

Designation : _____

Organization Name : _____

Contact No. : _____

ITEM No. 7

Supplying and fixing of Carbon-di-Oxide (CO₂) Gas type portable fire extinguishers (M.S) ISI marked conforming to IS: 15683: 2006 capacity 4.5 kg complete with squeeze grip discharge mechanism, pressure gauge indicator, safety clip, EPDM rubber hosepipe with trolley mounted.

| Product Technical Specification | Compliance YES/NO |
|--|--------------------------|
| CO2 Gas based (M.S) type Fire Extinguishers Capacity 4.5 kg. | |
| The current and valid certification IS 15683: 2006 needs to be submitted along with offer. | |
| The carbon-di-oxide gas shall conform to IS: 15222 with latest amendment. | |
| The product should be EN & PESO Approved & CE Marked. | |
| CO ₂ cylinder shall be conform to all the requirements given in IS 7285. | |
| Discharge valve should be IS : 3224. | |
| The vessel must be must be approved by PESO and hydrostatic pressured test report to be submitted along with the quantities supplied. | |
| The bidder must have valid PESO license to refill and store compress gas in cylinder as per gas cylinder rules: 2004. | |
| Used unused indicator mechanism (pressure gauge). | |
| Trolley mounted type for easy weight management. | |
| The extinguisher must have controllable discharge mechanism (Squeeze Grip) to provide flexibility of releasing extinguishing agent on targeted fire location. | |
| Discharge time minimum 8 seconds. | |
| Minimum effective range 02 meters. | |
| Applicable on B, C & electricity started fires. | |
| Tamper proof safety seal is required. | |
| The firm must submit the valid product performance test report from NABL accredited Government laboratory towards desired fire ratings. | |
| Extinguisher should be fitted with the ergonomically designed appropriate handle on the center of the body so that the extinguisher could be carried horizontally if required. | |
| Serial no. and date of manufacturing should be embossed on the body of the fire extinguisher. | |
| External coating of Can, Epoxy polyester powder coating on external body of the fire extinguisher is required. | |

I have also enclosed all relevant documents in support of my claims, (as above) in the following pages.

Signature of Bidder

Name: _____

Designation: _____

Organization Name: _____

Contact No. : _____

Item No. 8

Supplying and fixing of Carbon-di-Oxide (CO₂) type portable fire extinguishers ISI marked conforming to IS: 2878 capacity 6.5 kg complete with EPDM Rubber hosepipe, Squeeze grip, locking arrangement and trolley mounted

| Product Technical Specification | Compliance YES/NO |
|--|------------------------------|
| CO₂ type Fire Extinguishers Capacity 6.5 kg. | |
| The current and valid BIS certification IS: 2878: 2004 needs to be submitted along with offer. | |
| The extinguisher must have controllable discharge mechanism (squeeze grip) to provide flexibility of releasing extinguishing agent on targeted fire location. | |
| Trolley mounted type for easy weight management. | |
| The product should be EN Approved & CE Marked. | |
| Tamper proof seal is required. | |
| Minimum effective range 4 meters. | |
| The carbon dioxide gas shall conform to IS: 15222 with latest amendment. | |
| Discharge valve shall be conform to all the requirement given in IS: 3224 or latest version thereof. | |
| CO ₂ cylinder shall be conform to all the requirements given in IS 7285: 2004. | |
| The bidder must have valid PESO license to refill and store compress gas in cylinder as per gas cylinder rules:2004. | |
| Discharge Time less than 13 seconds. | |
| Applicable on class B, C and electrical started fires. | |
| The CO ₂ cylinder shall be PESO approved. | |
| Extinguisher should be fitted with the ergonomically designed appropriate handle on the center of the body so that the extinguisher could be carried horizontally if required. | |
| Serial no. and date of manufacturing should be embossed on the body of the fire extinguisher. | |
| External coating of Can, Epoxy polyester powder coating on external body of the fire extinguisher is required. | |

I have also enclosed all relevant documents in support of my claims, (as above) in the following pages.

Signature of Bidder

Name : _____

Designation : _____

Organization Name : _____

Contact No. : _____

ITEM No. 9

Supplying and fixing of Clean Agent (HCFC-123) (Stored pressure) type fire extinguisher EN approved 500 grams complete with squeeze grip release valve, Magnetic pressure gauge indicator, extinguisher should come fitted with a cap which cover the valve body and safety clip.

| Product Technical Specification | Compliance YES/NO |
|---|------------------------------|
| Clean Agent type Fire Extinguishers Capacity 500 grams. | |
| Stored pressure type clean agent HCFC 123 based fire extinguisher. | |
| The extinguisher must have pressure gauge and EN Approved and CE marked. | |
| The Extinguisher must have controllable discharge mechanism (squeeze grip release valve) to provide flexibility of releasing extinguishing agent on targeted fire location. | |
| Minimum effective range 1 meter. | |
| Discharge time less than 6 seconds. | |
| Each vessel needs to be checked for tensile strength upto 35 kg/cm ² and manufacturer has to submit hydrostatic pressure testing certificate for the same. | |
| The extinguishers should be pressurized using high grade dry nitrogen as per IS 1747 standard. OEM declaration should be submitted. | |
| The extinguishing agent must be in liquefied state. | |
| Serial no. and date of manufacturing should be embossed on the body of the fire extinguisher. | |
| External coating of Can, Epoxy polyester powder coating on external body of the fire extinguisher is required. | |

I have also enclosed all relevant documents in support of my claims, (as above) in the following pages.

Signature of Bidder

Name : _____

Designation : _____

Organization Name : _____

Contact No. : _____

ITEM No. 10

Supplying and fixing of Clean Agent (HFC-236) (Stored pressure) type fire extinguisher ISI marked conforming to IS: 15683: 2006 Capacity 2 kg. complete with squeeze grip release valve, pressure gauge indicator, extinguisher should come fitted with a cap which cover the valve body and safety clip.

| Product Technical Specification | Compliance YES/NO |
|--|------------------------------|
| Clean Agent type Fire Extinguishers Capacity 2.0 kg | |
| The current and valid BIS certification IS: 15683 needs to be submitted along with offer. | |
| The extinguishing agent used in fire extinguisher must have Zero Ozone Depletion Potential and must submit Letter of authorization from OEM for using Clean Agent HFC-236 in portable fire extinguisher. | |
| The Clean Agent HFC-236 should be listed under EPA's SNAP program, Underwriters Laboratories and NFPA 2001. | |
| The extinguisher must have magnetic pressure gauge. | |
| The product should be EN Approved and CE marked. Valid certificate as on date needs to be submitted along with the bid. | |
| The bidder must submit material safety Data Sheet for HFC-236 Gas. | |
| The extinguisher must have controllable discharge mechanism (squeeze grip release valve) to provide flexibility of releasing extinguishing agent on targeted fire location, with crack proof EPDM Rubber hosepipe. | |
| Each vessel needs to be checked for tensile strength up to 35 kg/cm ² and manufacturer has to submit hydrostatic pressure testing certificate for the same. | |
| The extinguishers should be pressurized using high grade dry nitrogen as per IS 1747 standard. OEM declaration should be submitted. | |
| The firm must submit the valid product performance test report from NABL accredited Government laboratory towards desired fire ratings. | |
| The extinguishing agent must be in liquefied state. | |
| Serial no. and date of manufacturing should be embossed on the body of the fire extinguisher. | |
| External coating of Can, Epoxy polyester powder coating on external body of the fire extinguisher is required. | |

I have also enclosed all relevant documents in support of my claims, (as above) in the following pages.

Signature of Bidder

Name : _____

Designation : _____

Organization Name : _____

Contact No. : _____

ITEM No. 11

Supplying and fixing of Clean Agent (HFC-236) (Stored pressure) type fire extinguisher ISI marked conforming to IS: 15683: 2006 Capacity 4 kg. complete with squeeze grip release valve, pressure gauge indicator, extinguisher should come fitted with a cap which cover the valve body and safety clip.

| Product Technical Specification | Compliance YES/NO |
|--|--------------------------|
| Clean Agent type Fire Extinguishers Capacity 4.0 kg. | |
| The current and valid BIS certification IS:15683 needs to be submitted along with offer. | |
| Zero ODP Clean Agent (HFC-236) Extinguishing agent based fire extinguishers. | |
| The extinguishing agent used in fire extinguisher must have Zero Ozone Depletion Potential and must submit Letter of authorization from OEM for using Clean Agent HFC 236 in portable fire extinguisher. | |
| The Clean Agent (HFC 236) should be listed under EPA's SNAP program, Underwriters laboratories and NFPA 2001. | |
| The product should be EN Approved and CE marked. Valid certificate as on date needs to be submitted along with the bid. | |
| The bidder must submit material safety data sheet for HFC 236 Gas. | |
| The extinguisher must have controllable discharge mechanism (squeeze grip release valve) to provide flexibility of releasing extinguishing agent on targeted fire location, with crack proof EPDM rubber hosepipe. | |
| Each vessel needs to be checked for tensile strength up to 35 kg/cm ² and manufacturer has to submit hydrostatic pressure testing certificate for the same. | |
| The extinguishers should be pressurized using high grade dry nitrogen as per IS 1747 standard. OEM declaration should be submitted. | |
| The firm must submit the valid product performance test report from NABL accredited Government laboratory towards desired fire ratings. | |
| Serial no. and date of manufacturing should be embossed on the body of the fire extinguisher. | |
| External coating of Can, Epoxy polyester powder coating on external body of the fire extinguisher is required. | |

I have also enclosed all relevant documents in support of my claims, (as above) in the following pages.

Signature of Bidder

Name : _____

Designation : _____

Organization Name : _____

Contact No. : _____

ITEM No. 12

Supplying and fixing of ABC (MAP 90%) Powder type portable fire extinguishers (Stored pressure) ISI marked conforming to IS: 15683: 2006 Capacity 2 kg complete with squeeze grip release valve, Magnetic pressure gauge, crack proof EPDM rubber hosepipe and safety clip.

| Product Technical Specification | Compliance YES/NO |
|---|--------------------------|
| ABC Powder type Fire Extinguisher capacity 02 kg. | |
| The current and valid BIS certification IS 15683:2006 needs to be submitted along with offer. | |
| ABC powder used as extinguishing agent should be mono ammonium phosphate (MAP) with more than 90% concentration conforming to IS 14609:1999, Copy of supporting document shall submit along with the offer. | |
| The extinguisher must have magnetic pressure gauge. | |
| MSDS of the powder needs to be submitted along with the offer. | |
| The Product should be EN Approved and CE marked. Valid certificate as on date needs to be submitted along with the bid. | |
| The fire extinguisher should have safety clip/pin. | |
| Each vessel needs to be checked for tensile strength up to 35 kg/cm ² and manufacturer has to submit hydrostatic pressure testing certificate for the same. | |
| The extinguishers should be pressurized using high grade dry nitrogen as per IS 1747 standard. OEM declaration should be submitted. | |
| Tamper proof safety seal is required. | |
| Discharge time not less than 08 seconds. | |
| Minimum effective range 2 meters. | |
| The firm should submit the product performance test report from NABL accredited government laboratory. | |
| The extinguisher must have controllable discharge mechanism (squeeze grip release valve) to provide flexibility of releasing extinguishing agent on targeted fire location. | |
| Applicable on Class A, Class B and electrically started fires. | |
| Serial no. and date of manufacturing should be embossed on the body of the fire extinguisher. | |
| External coating of Can, Epoxy polyester powder coating on external body of the fire extinguisher is required. | |

I have also enclosed all relevant documents in support of my claims, (as above) in the following pages.

Signature of Bidder

Name : _____

Designation : _____

Organization Name : _____

Contact No. : _____

ITEM No. 13

Supplying and fixing of ABC (MAP 90%) Powder type portable fire extinguishers (Stored pressure) ISI marked conforming to IS: 15683: 2006 capacity 4 kg. complete with squeeze grip release valve, Magnetic pressure gauge, crack proof EPDM rubber hosepipe and safety clip.

| Product Technical Specification | Compliance YES/NO |
|--|--------------------------|
| ABC Powder type Fire Extinguisher capacity 04 kg. | |
| The current and valid BIS certification IS 15683:2006 needs to be submitted along with offer. | |
| ABC powder used as extinguishing agent should be mono ammonium phosphate (MAP) with more than 90% concentration conforming to IS 14609:1999; Copy of supporting document shall submit along with the offer. | |
| The extinguisher must have magnetic pressure gauge. | |
| MSDS of the powder needs to be submitted along with the offer. | |
| The product should be EN Approved and CE marked. Valid certificate as on date needs to be submitted along with the bid. | |
| The fire extinguisher should have safety clip/pin. | |
| Each vessel needs to be checked for tensile strength up to 35 kg/cm ² and Manufacturer has to submit hydrostatic pressure testing certificate for the same. | |
| The extinguishers should be pressurized using high grade dry nitrogen as per IS 1747 standard. OEM declaration should be submitted. | |
| Tamper proof safety seal is required. | |
| Discharge time not less than 13 seconds. | |
| The firm should submit the product performance test report from NABL accredited Government laboratory. | |
| The extinguisher must have controllable discharge mechanism (squeeze grip release valve) to provide flexibility of releasing extinguishing agent on targeted fire location, with crack proof EPDM rubber hosepipe. | |
| Serial no. and date of manufacturing should be embossed on the body of the fire extinguisher. | |
| External coating of Can, Epoxy polyester powder coating on external body of the fire extinguisher is required. | |

I have also enclosed all relevant documents in support of my claims, (as above) in the following pages.

Signature of Bidder

Name : _____

Designation : _____

Organization Name : _____

Contact No. : _____

ITEM No. 14

Supplying and fixing of Metal Fire Extinguishers (Lite Metal Fires) 04 kg. Powder type portable fire extinguishers (Stored pressure) capacity 4 kg. complete with squeeze grip release valve, pressure gauge, crack proof EPDM rubber hosepipe and safety clip.

| Product Technical Specification | Compliance YES/NO |
|--|--------------------------|
| Metal Fire Extinguishers (Lite Metal Fires) 04 kg. | |
| Special Powder for Lite Metal Fire Based Stored Pressure Type Fire Extinguisher. | |
| Melting point at 600-650 degree C. | |
| Applicable on Class D metal fires in Magnesium, Aluminum, Zinc, Sodium, Potassium, Francium, Lithium, Cesium, etc. | |
| The extinguisher must have pressure gauge. | |
| MSDS of the powder needs to be submitted along with the offer. | |
| Vessel used in the manufacturing should be constructed using Deep Drawn Technology to keep seamless area not less than 70 % of the cylinder. | |
| Each vessel needs to be checked for tensile strength up to 35 kgf/cm ² and Manufacturer has to submit hydrostatic pressure testing certificate for the same. | |
| The extinguishers should be pressurized using high grade dry nitrogen as per IS 1747 standard. OEM declaration should be submitted. | |
| The extinguisher must have controllable discharge mechanism (squeeze grip release valve) to provide flexibility of releasing extinguishing agent on targeted fire location, with crack proof EPDM rubber hosepipe. | |
| Discharge time not less than 15 seconds. | |
| Minimum effective range inimum 4 meters. | |
| Serial no. and date of manufacturing should be embossed on the body of the fire extinguisher. | |
| External coating of Can, Epoxy polyester powder coating on external body of the fire extinguisher is required. | |

I have also enclosed all relevant documents in support of my claims, (as above) in the following pages.

Signature of Bidder

Name : _____

Designation : _____

Organization Name : _____

Contact No. : _____

ITEM No. 15 Supplying and fixing of Escape gear kit box with one pair blanket & Smoke Hood.

| Product Technical Specification | |
|---|------------------------------|
| Escape gear kit with one pair fire blanket & heat with smoke protector | Compliance Yes/No |
| HEAD COVER | |
| Type: Hood providing all-round visibility | |
| Material: Polyimide, Kapton 120FN616 (DuPont). | |
| Characteristics: Visually and audibly transparent. | |
| Construction: Heat-sealed seam. | |
| Method of sealing: Certified flame-retardant draw tapes. | |
| FILTER | |
| Type: Atmospheric, air-cleansing, negative pressure. | |
| Material: Absorbent, desiccant, catalyst and particulate filters. | |
| Construction: Visually and audibly transparent. | |
| MOUTHPIECE & PLENUM | |
| Material: Santoprene rubber. | |
| Protection: Protects against typical gases found in fire including carbon monoxide, hydrogen chloride, hydrogen cyanide, pro penal (acrolein) and other gases as per EN 403:1993-s. | |
| Usage: Single use protection against above gases for at least 15 minutes. | |
| Heat resistance standard: Should withstand temperatures up to 800 °C EN 403 : 1993-S. | |
| FIRE BLANKET | |
| Material: Fiberglass. | |
| Density: 430 grams/m ² . | |
| Coating: Silica gel 50 grams /m ² (approx) | |
| Temperature resistance: 550 ⁰ C. | |
| Size standard: 1.8 m x 1.2 m. As per EN 1869 | |

I have also enclosed all relevant documents in support of my claims, (as above) in the following pages.

Signature of Bidder

Name : _____

Designation : _____

Organization Name : _____

Contact No. : _____

**<< Organization Letter Head >>
DECLARATION SHEET**

We, _____ hereby certify that all the information and data furnished by our organization with regard to this tender specification are true and complete to the best of our knowledge. I have gone through the specification, conditions and stipulations in details and agree to comply with the requirements and intent of specification.

This is certified that our organization has been authorized (Copy attached) by the OEM to participate in Tender. We, further certified that our organization meets all the conditions of eligibility criteria laid down in this tender document.

The prices quoted in the financial bids are subsidized due to academic discount given to IIT Delhi.

| | |
|--|---|
| We, further specifically certify that our organization has not been Black Listed/De Listed or put to any Holiday by any Institutional Agency/ Govt. Department/ Public Sector Undertaking in the last three years. | NAME & ADDRESS OF THE Vendor/ Manufacturer / Agent |
| 1 Phone | |
| 2 Fax | |
| 3 E-mail | |
| 4 Contact Person Name | |
| 5 Mobile Number | |
| 6 TIN Number | |
| 7 PAN Number | |

(Signature of the Tenderer)

Name :

Seal of the Company

BASIC ELIGIBILITY CRITERIA SHEET

| S. No. | Details to be submitted by the bidder | Remarks Yes/No | Attached Proof |
|--------|--|-------------------|-------------------|
| 1 | Are you Original Equipment Manufacturer (OEM) or his authorized dealer? | | |
| 2 | Have you furnished EMD of Rs.1,00,000/- ? | | |
| 3 | Bank Guarantee from National Bank? | | |
| 4 | Demand Draft issued by Nationalized Bank/scheduled Commercial Bank for six months validity in favor of Registrar or Bankers Cheque ? | | |
| 5 | Minimum turnover of manufacturer during last three financial years (i.e. 2011-12, 2012-13, 2013-14) should not be less than Rs.10,00,00,000/- (Rs. Ten Crores). Bidder should submit year wise Profit & Loss Account and year wise balance sheet certified by the Chartered Accountant for the year 2011-12/12-13/13-14. | | |
| 6 | Valid letter of Authorization from OEM & authorization letter. | | |
| 7 | Copy of Registration No. of the bidder firm along with the LST/CST/WCT No. | | |
| 8 | Copy of PAN No. | | |
| 9 | The works of the manufacturer must be ISO 9001 and OSHAS 18001 certified. | | |
| 10 | Bidder and OEM should not be banned / blacklisted by any Indian Govt. organization. | | |
| 11 | OEM/Bidder shall submit required product certification like CE/EN & IS. | | |
| 12 | Quality assurance certificates like ISO 9001; ISO 10002 & OSHAS 18001 | | |
| 13 | List of major customer/clients of similar supply by bidder/OEM in last three years. | | |
| 14 | Copies of certificates from clients for successfully carrying out similar supply and installation. | | |
| 15 | Details of filling facilities with the Bidder to be attached, including plant capacities for each type of fire extinguisher listed in Sl. Nos. 1 to 14 as listed in the technical specification above. | | |
| 16 | Details (and copies) of statutory certifications for filling facilities and their validity period. | | |
| 17 | Details of filling contracts executed and currently being executed in the past three years. | | |

Each document of the basic eligibility should be signed by the authorized signatory with company stamp.

Signature of Bidder

Name : _____

Designation : _____

Organization Name : _____

Contact No. : _____

BID SUBMISSION

Online Bid Submission:

The bids complete in all respect must be uploaded online in **Two** Envelops as explained below. The EMD should be delivered or mailed by Speed Post **only** (no courier) to SP Section, IIT Delhi.

| Envelope – I | | | |
|---|------------------|---|-------------------|
| (Following documents to be provided as single PDF file) | | | |
| Sl. No. | Documents | Content | File types |
| 1. | Technical Bid | Compliance Sheet as per Annexure–I. | .PDF |
| 2. | | Organization Declaration Sheet as per Annexure–II. | .PDF |
| 3. | | Basic Eligibility Criteria Sheet as per Annexure–III. | .PDF |
| 4. | | List of organizations/ clients where the same products have been supplied (in last two years) along with their contact number(s). (Annexure-IV) | .PDF |
| 5. | | Technical supporting documents in support of all claims made at Annexure-I (Annexure-V) | .PDF |
| Envelope – II | | | |
| Sl. No. | Types | Content | |
| 1. | Financial Bid | Price to be quoted in given .pdf format | .PDF |

