

ADMINISTRATION OF DAMAN AND DIU,
DIRECTORATE OF MEDICAL & HEALTH SERVICES,
PRIMARY HEALTH CENTER, MOTI DAMAN.

Tender Notice No.DHMS/DD/GA-46/2014-15/3249 Dated:- 02/12/2014

E-TENDER (ON LINE) NOTICE

The Director, Medical & Health Services, Daman & Diu, Daman on behalf of President of India, invites tender for following item through on-line on <http://daman.nprocure.com> from manufacturer / authorized dealer / approved licensing agencies. The tender notice is also available on www.daman.nic.in

Sr. No.	Description of Items	Total Estimated Cost	EMD	Tender Fees (Non-refundable)
1.	Purchase of Fire Safety Devices for Community Health Centre, Moti Daman, Primary Health Centre, Kachigam & Government. Hospital Daman.	2,10,00,000/-	5.25 lacs	3,000/-

Pre- Bid Meeting Date & Venue	12/12/2014 14.30 hours Chamber of Director CHC, Moti Daman
Last date of downloading of on line tender documents:	Up to 24/12/2014 by 12:00 hours
Last date of submission of Tender bid in hard copy :	Up to 24/12/2014 by 13:00 hours
Last date of submission of on line tender document :	Up to 24/12/2014 by 15:00 hours
Opening of Technical Bid submission in hard copy :	Up to 24/12/2014 by 15:30 hours
On line opening of Price Bid :	If possible on 24/12/2014 17:00 hours
Bidders have to submit price bid in Electronic Format only on www.nprocure.com till the last date and time for submission. Price Bid in physical format shall not be accepted in any case.	
Submission of tender fees in the form of DD, EMD in the form of DD/FDR of Nationalised and other supporting documents i.e. copy of valid licence from competent authority, copy of VAT/ST/ Registration and copy of PAN/TAN of Income Tax etc., and terms and conditioned duly signed in hard copy to the undersigned by RPAD/Speed Post / by hand on or before 24/12/2014 upto 13.00 hours , however, Tender Inviting Authority shall not be responsible for any postal delay.	
The tender inviting authority reserves the right to accept or reject any or all the tenders to be received without assigning any reasons thereof.	
Bidders shall have to post their queries on E-Mail address : ddmssu.idsp@nic.in on or before dated 24/12/2014 upto 10.30 hours.	
In case bidder needs any clarification or if training required for participating in online tender, they can contact the following office. “(n) Code Solution – A division, GNFC Ltd.”, 403, GNFC Info Tower, Bodakdev, Ahmedabad-380054, Gujarat (India). E-Mail-nprocure@ncode.in & E-Mail-nprocure@gnfc.in Fax: + 917926857321 Website : www.nprocure.com	

Sd/-
(Dr. K. Y. Sultan)
Director
Medical & Health Services, Daman.

ADMINISTRATION OF DAMAN AND DIU,
DIRECTORATE OF MEDICAL & HEALTH SERVICES,
PRIMARY HEALTH CENTER, MOTI DAMAN.

Tender Notice No.DHMS/DD/GA-46/2014-15/3249

Dated:- 02/12/2014

Terms and Conditions for **“Purchase of Fire Safety Devices for Community Health Center Moti Daman, Primary Health Center, Kachigam, Nani Daman & Government Hospital, Daman.**

1. Instructions to Bidders :

- 1) All Tender Documents can be downloaded free from the website : www.daman.nprocure.com
- 2) All bids should be submitted online on the website www.daman.nprocure.com
- 3) All bids should be digitally signed for details regarding digital signature certificate and related training involved the below mentioned address should be contacted
(n) Code Solutions
A Division of GNFC
301, GNFC Infotower, Bodakdev,
Ahmedabad- 380 054
Tel: +91 79 26857316/17/18
Fax: +91 79 26857321
www.ncodesolutions.com
- 4) The user can get a copy of instructions to online participation from the website www.daman.nprocure.com
- 5) The suppliers should register on the website through the “New Supplier” link provided at the home page, the registration on the site should not be taken as registration or empanelment or any other form of registration with the tendering authority.
- 6) The application for training and issue of digital signature certificates should be made at least 72 hours in advance to the due date and time of tender submission.
- 7) For all queries regarding issue of digital signature certificate and any other technical query should be addressed to personnel in M/s (n) Code Solutions.
- 8) For all queries regarding tender specifications and any other clauses included in the tender document should be addressed to personnel in tendering office address provided below:
- 9) All documents scanned/attached should be legible / readable.
- 10) The Bidder has to give compliance for each quoted product for any false/misleading statement in compliance found any time during the procurement process, the bid shall be out rightly rejected & EMD shall be forfeited.

Director

Medical & Health Services,PHC

Moti Daman-396 210

Tel: 0260-2230470

Fax: 0260-2230570

Keydates:

Pre- Bid Meeting Date & Venue	12/12/2014 14.30 hours Chamber of Director CHC, Moti Daman
Last date of downloading of on line tender documents:	Up to 24/12/2014 by 12:00 hours
Last date of submission of Tender bid in hard copy :	Up to 24/12/2014 by 13:00 hours
Last date of submission of on line tender document :	Up to 24/12/2014 by 15:00 hours
Opening of Technical Bid submission in hard copy :	Up to 24/12/2014 by 15:30 hours
On line opening of Price Bid :	If possible on 24/12/2014 17:00 hours

The Tenders shall be submitted in two-bid system, the Technical bid and Commercial Bid. Bidders have to submit price bid in Electronic format only on <https://daman.nprocure.com> website till the last date and time for submission. Price Bid in Physical format shall not be accepted in any case The EMD and Tender Fee along with technical bid has to be submitted in Tender Box along with a covering letter. The envelope should be super scribing as **Sealed Cover of Bid- “Purchase of Fire Safety Devices for Community Health Center Moti Daman, Primary Health Center, Kachigam, Nani Daman & Government Hospital, Daman.** with Tender No and Field of Specialty for which the bidder is participating. The EMD and Tender Fees should be enclosed with Tender Bid.

2. Earnest Money Deposit: (EMD)

- a. All tenders must be accompanied by EMD as specified in schedule otherwise tender will be rejected.
- b. The manufacturing units who are placed in Daman are exempted for Earnest Money Deposit. For getting exemption, tenderers have to furnish valid and certified documents along with the tender, otherwise tender will be rejected.
- c. Any firm desires to consider exemption from payment of Earnest Money Deposit, valid and certified copies of its Registration with D.G.S. & D. / NSIC should be attached to their tenders.
- d. EMD of Rs.5.25 lacs can be paid in either of the form of following:
 - i. A/c Payee Demand Draft
 - ii. Fixed Deposit Receipts

In favor of Director , Medical & Health Services, Daman from any Nationalized /Scheduled Bank.

e. EMD should be valid upto **12 (TWELVE) months** from the date of its issuance.

f. EMD in any other forms will not be accepted.

g. EMD/Security Deposit shall be liable to be forfeited in following circumstances:

- i. Tender is rejected due to failure of supply the requisite documents in proper format or giving any misleading statement or submission of false affidavit or fabricated documents.
- ii. In case, the supplier does not execute the supply order placed with him within stipulated time, the EMD of the supplier will be forfeited to the Government and the contract for the supply shall terminated with no further liabilities on either party to the contract.
- iii. Tenderer fails to replace the goods declared to be not of standard quality or not conforming to acceptable standards or found to be decayed/spoilt.

- h. The amount of Earnest Money paid by the tenderer(s) whose tenders are not accepted will be refunded to them by cheque or Demand Draft drawn on any branch of Nationalized/Scheduled Bank. Where this mode of payment is not possible the amount will be refunded at the cost of the tenderer.
- i. Only on satisfactory completion of the supply order for and on payment of all bills of the supplier, as to be admitted for payment, the amount of Security Deposit/Earnest Money will be refunded after expiry of guarantee/warranty period, if any, or any such date/period as may be mutually agreed upon.
- j. In case of failure to supply the equipment. ordered for, as per conditions and within the stipulated time, the name equipment will be obtained from the tenderer who offered next higher rates or from any other sources, as may be decided by the tender inviting Officer and the loss to the Government on account of such purchases(s) shall be recovered from the former suppliers Security Deposit/Earnest Money or bills payable. The suppliers shall have no right to dispute with such procedure.
- k. The Earnest Money(s) paid by the tender(s) earlier against any tender(s) or supply order(s) is not adjustable with Earnest Money required by these conditions.

3. Performance Security:

- a. The successful tenderer will have to pay within 15 days from the date of demand, an amount equal to 05% of the total value of articles, which may be ordered, as the amount of security deposit.
- b. Non receipt of Security Deposit within stipulated time will result in automatic cancellation of the order for supply without any intimation.
- c. However in case if any articles are received for which the Security Deposit may not have been deposited, the full Security Deposit as may be due from the supplier will be recovered from the bill(s) for such articles.
- d. In case of failure to replace the accepted and rejected articles from the supplies made, as mentioned in the conditions the loss undergone by the Government will be recovered from the suppliers Security Deposit or payment due of any bill(s) to the extend required.
- e. The Security Deposit(s) paid by the tender(s) earlier against any tender(s) or supply order(s) is not adjustable with Security Deposit required by these conditions.
- f. The tender inviting officer will consider extension of time for remitting the Security Deposit as demanded. However, in case of denial to consider such extension the supplier is bound to abide by the limit given and liable to make good for the loss made to the Government on account of his failure to abide by the time limit.

4. Conditions of Contract :

1. ACCEPTANCE OF TENDER / ELIGIBILITY CRITERIA:

- a. The tender is liable for rejection due to any of the reasons mentioned below:
 - i. Non-Submission of tender within stipulated time online
 - ii. Submission of tender physically in the Office but not submitted online on www.daman.nprocure.com
 - iii. Tender is unsigned or not initialed on each page or with unauthenticated corrections.
 - iv. Non-payment of Earnest Money Deposit (if not exempted)
 - v. Non-Submission of required documents as mentioned in schedule
 - vi. Conditional/vague offers . Offering of part products as per given specification.
 - vii. Unsatisfactory past performance of the tenderer.
 - viii. Items with any changes/deviations in specifications/standard/grade/packing/quality offered.
 - ix. Offering an accessory optional even though required to operate the instrument
 - x. Submission of misleading/contradictory/false statement or information and fabricated/ invalid documents.
 - xi. Tenders not filled up properly.
 - xii. Non supplying of all products or supplying the part products as per given specifications.
 - xiii. Non submission of notarized authority letter in prescribed format for imported items.
 - xiv. Non submission of IEC certificate for imported items
 - xv. Non submission of valid Manufacturing Certificate with C.A Certificate in case of Indian manufacturer.
 - xvi. Non- submission of AMC rates in prescribed format.
 - xvii. Non submission 7 years experience in similar nature of works.
 - xviii. Non-submission of Turnover Certificate. The bidder firm should have positive Net Worth and should not have incurred loss in any consecutive year in last three (3) years ending 31 st March 2014, The balance sheets of all three consecutive years should be true notarized copy. Please note that the balance sheets should carry average annual financial turnover during the last 3 year up to 31.03.2014 and should be at least 30% of the estimated cost.
- b. Any discount which the bidder wants to give has to be considered and total final bid amount has to be mentioned clearly in the price bid form on www.daman.nprocure.com
- c. Discount offered after price bid opening will not be considered.
- d. The consolidated rates entered in the online website will be taken in to account for preparing price statements. However the tender which is found technically acceptable as well as lowest in terms of evaluated rates only be considered for placing the order.
- e. The Director , Medical & Health Services , Daman & Diu may seek any clarifications/explanation/documentary evidence related to offer at any stage from tenderers if required.
- f. The rate should be quoted in the prescribed form given by the department; **the rate should be valid up to One Year from the date of tenderization.**
- g. All Taxes/Duties/Royalties Charges payable on the sales/transport etc. within and/or outside the state shall be payable by the supplier.
- h. The decision of the Tender Inviting Officer for acceptance/rejection of any articles supplied including the decision for equivalent specifications, standard and quality etc. of articles shall be final.
- i. The right to accept or reject without assigning any reasons or all tenders in part or whole is reserved with the Tender Inviting Officer and his decision(s) on all matters relating to acceptance or rejection of the tenders as a whole or in part will be final and binding to all.
- j. No separate agreement will be required to be signed by the successful tender(s) for the purpose of this contract for supply. Rates tendered/offered in response to the concerned Tender Notice shall be considered as acceptance of all above terms and conditions for supply for all legal purpose.
- k. The rate(s) quoted should be strictly for free delivery (including labor and transportation) 'at **Community Health Center Moti Daman, Primary Health Center, Kachigam, Nani Daman and Government Hospital, Marwar ,Daman** - and will be valid and operative for supply orders issued within one year from the date of invitation of tenders.
- l. The department shall not take any responsibility of unloading the goods; the successful bidder has to make arrangements for unloading at the site.

m. Blacklisted Manufacturers/Suppliers/dealers by Central /State Government or any other Govt Body will not be eligible to participate in the tender.

5. EVALUATION METHODOLOGY

a. Preliminary Evaluation: Tender fee and EMD submission

b. Technical Evaluation:

- Scrutiny of technical specifications asked by the department within the quoted specification
- Scrutiny of Compliance Statement given by the bidder
- Technical Demonstration if required.

c. Financial Evaluation: Lowest quoted offered by Technically Qualified bidders. L1 shall be arrived on the Grand Total-“ A” for supplying, installation & commissioning of products.

6. SCOPE OF WORKS / TERMS OF SUPPLY:

a. The packing and labels of all the items to be supplied under the order shall be marked with the words **FOR ‘at Community Health Center Moti Daman, Primary Health Center, Kachigam, Nani Daman & Government Hospital, Daman - NOT FOR SALE’** if the items are packed in packets which are then placed or repacked within a box/carton/bottle/foil, these words will be printed/marked on both the internal/external packs and labels. The retail price must not be printed or shown anywhere either on external or internal packs/box/carton/foil.

b. In event of breakage or loss of stores during transit against requisition order the said quantity has to be replaced by the tenderer. The department will not pay separately for transit insurance and supplier will be responsible for stores.

c. Railway Receipt or other transport document should be drawn in the favor of Officer Inviting tender.

d. Railway Receipt or other transport document should not be send by VPP or through any Bank as this being a Government Office it is not possible to clear cash demands of Post Office/Bank for delivery of RR or other transport documents unless we have agreed to it as special arrangement.

e. The equipment of inferior quality standard or of different specifications, brand, manufacturer etc other than that ordered specified and/or incomplete or broken parts will not be accepted. The supplier has to replace the same at his own cost and risk. Intimation of non-acceptance of any materials etc will be sent to the supplier within 10 days from the date of receipt of the stores and the same will be returned to the supplier at his own cost and risk, if he so desires and intimates accordingly within 15 days from the date of dispatch of intimation of the non-acceptance. However, if no communication is received within 15 days from the date of communication the tender Inviting Officer will not be responsible for any damages, loss etc. of such rejected articles.

f. Extension of time limit for supplies shall be considered by the Tender Inviting Officer. The extension so granted may be with levy of compensation for delay as mentioned in liquidated damages at the discretion of the authority competent to grant extension of time limit provided such request is made well in time, depending upon the circumstances and such decision in the matter will be final.

g. Demurrage charges paid by the Tender Inviting Officer on account of delayed receipt of dispatch documents intimation will be recovered from the bills payable to the supplier.

h. If at any time after the order for supply of materials the Tender Inviting Officer shall for any reason whatsoever not require the whole or part of the quantity thereof as specified in the order the Tender Inviting Officer shall give notice in writing of the fact to the supplier(s) who shall have to claim to any payment of compensation what so ever on account of any profit or advantage which the supplier(s) might have derived from the supply of articles in full, but which did not derive in consequence of the full quantity of articles not having been purchased, nor shall have any claim for compensation by reasons of any alterations having been made in the original instructions which shall invoice any curtailment of the supply originally contemplated.

i. The items as mentioned in the list are the approximate estimates invited and actual purchase may more. Accordingly the successful tenderer has no right for any loss/damages with reference to approximate requirement shown in tender and actual requirement.

j. Inspection will be carried out in the premises of **Community Health Center Moti Daman, Primary Health Center, Kachigam, Nani Daman & Government Hospital, Daman** - If goods to be inspected in factory premises all expenditure to be borne by the Tenderer.

k. Delivery Period: Maximum delivery period will be EIGHT WEEKS from the date of receipt of P.O.

l. Installation of equipment to be completed within 15 days of delivery.

7. PAYMENT TERMS

a. 60% of the invoice amount will be paid after delivery of the material and rest payment will released after successful installation, training and submission of Security deposit.

b. Price escalation clause will not be entertained under any circumstances.

c. All bills should be in **TRIPLICATE** and should invariably mention the number and date of supply order.

d. All bills for amount above Rs.5000/- should be pre-receipted on a Revenue Stamp of proper value. Bills for amount exceeding Rs.5000/- not pre-receipted on Revenue Stamp of proper value will not be accepted for payment.

e. Each bill in which Sales Tax is charged must contain the following certificates on the body of the bill: “CERTIFIED” that the goods on which Sales Tax has been charged have not been exempted under the Central Sale Tax Act or the Rules made there under and the amount charged on account of Sales Tax on these goods is not more than what is payable under the provisions of relevant Act or Rules made there under”.

f. No extra charge for packing, forwarding and insurance etc. will be paid on the rates quoted.

g. The rates should be quoted only for the items specified in the list of requirement.

h. Rates quoted for items other than the required specification/make/manufacture will not be considered.

8. WARRANTY & TRAINING

a. The successful tenderer must give warranty not less than 12 months from the date of installation.

b. During Warranty Period, four free services have to be provided. In addition, supplier has to attend the complaint if any for any defects within 48 hours including replacement of any defective part failing which liquidated damages as decided shall be recovered and imilarly period of breakdown shall be excluded from warranty period.

c. Training of Staff will be under Supplier’s Scope.

d. Availability of spares: 5 Years Minimum The department may ask for cost of spares anytime during the tender to evaluate after sales cost.

e. Date of manufacture of the equipment and original data sheet of the equipment Quoted should be furnished at the time of supply of unit.

f. Remanufactured, Refabricated, Refurbished unit should not be quoted.

g. At the time of supplying the unit, each unit should be provided with date of manufacturing certificate for giving by the authorized and authorized third party reputed inspection agency.

9. Penalty Clause / Liquidated Damages:

For delay:

- a. If the supplier fails to deliver any or all the goods or perform the services within the time period(s) specified in the contract. The Purchaser shall, without prejudice to its other remedies under the contract, deduct from the contract price as liquidated damages, a penalty of 0.5% of the total value of order per week will be imposed subject to a maximum of 10% of the total value of the order. Once the maximum is reached, the purchaser may consider termination of the contract.
- b. Supply in damaged condition shall not be accepted. In case of damage in the packing, the supply will be accepted only after levying penalty or replacement of damaged supply on the total value of supply to that particular / other designated place.
- c. Supply must be in Toto i.e. not in fraction.

For Non-Supply:

Security Deposit of the firm shall be forfeited and the firm shall be blacklisted.

10. Termination for Default:

Contract may be terminated by the Authority if:

- a. If the supplier fails to execute the supply within the stipulated time, the Purchaser is at liberty to make alternative purchase, in the event of making ALTERNATIVE PURCHASE, the supplier will be imposed penalty apart from the forfeiture of Performance Guarantee. The excess expenditure over and above contracted prices incurred by the Purchaser in making such purchases from any other sources or in the open market or from any other supplier who has quoted higher rates and other losses sustained in the process, shall be recovered from the Performance Security or from any other money due and become due to the Supplier and in the event of such amount being insufficient, the balance will be recovered personally from the Supplier. The penalty would be as mentioned in the Liquidated Damages clause.
- b. The order may be cancelled after expiry of delivery period as mentioned in the supply order and the supplier shall also suffer forfeiture of the Performance Security and shall invite other penal action like blacklisting / disqualification from participating in present and future tenders.
- c. Authority will be at liberty to terminate by assigning justifiable reason thereof the contract either wholly or in part on one month notice. The Supplier will not be entitled for any compensation whatsoever in respect of such termination.
- d. If the Supplier, in the judgment of the Authority has engaged in corrupt or fraudulent practices in competing for or in executing the contract.

For the purpose of this Clause.

“Corrupt practice” means 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.

“Fraudulent practice” means a mis-presentation / hiding of facts in order to influence a procurement process or the execution of a contract to the detriment of the other bidders, and includes collusive practice among Bidders (prior to or after bid submission) designed to establish bid prices at artificial noncompetitive levels and to deprive the other bidders of the benefits of free and open competition.

- e. For infringement of the stipulations of the contract or for other justifiable reasons, the contract may be terminated by the Authority, and the supplier shall be liable for all losses sustained by the Authority, in consequence of the termination which may be recovered personally from the supplier or from his properties, as per rules.
- f. Non performance of any of the contract provisions will disqualify a firm to participate in the tender for the next five years.
- g. In all the above conditions, the decision of the Authority shall be final and binding.

Sd/-

(Dr. K. Y. Sultan)

Director

Medical & Health Services, Daman.

The above terms and conditions are accepted and are binding to me/us.

Place:

Dated:

Signature of tenderer

Name of tenderer with seal of the firm

ADMINSTRATION OF DAMAN AND DIU,
DIRECTORATE OF MEDICAL & HEALTH SERVICES,
PRIMARY HEALTH CENTER, MOTI DAMAN.

Tender Notice No.DHMS/DD/GA-46/2014-15/3249 Dated:- 02/12/2014

➤ **Schedule of Specifications and Allied Technical Details:**

Scope of Work: The bidders have to supply, install and commissioned of Fire Safety Devices for Community Health Centre, Moti Daman, Primary Health Centre, Kachigam & Government. Hospital Daman.

S.no	Technical Specification	Quantity	Make / Model	Compliance Yes / No
1	Supplying and Installation of Smoke Detector Control Panel as per below technical specification.	3		
	1.Fire Alarm Panel System with a State of the art HYBRID System.			
	2.The Fire Detection Control Panel is a modularly designed control panel for fire detection systems The Fire Detection Control Panel is a modularly designed compact control panel for fire detection systems with a ADM loop (ring-bus technology). It is an already completely mounted unit, which includes all basic components that are needed for the operation of a loop fire detection control panel.			
	3.Micro-processor technology with diverse redundant processing logic Administration of up to 144 detector zones for manual call points, automatic fire detectors with or without alarm verification, technical messages and fault detectors with or without self-resetting property. Administration of 10 transmitting devices, 99 alarming devices, 128 actuations and 199 sectors. INFO field with a 4 line by 20 character backlit text display providing information about all current events in English.			
	4.Event memory with quick-search filter displays the latest 500 events in chronological order.			
	5.Display of activation, fault, disablement, alarm delay, call fire brigade and confirmation of the transmitting device to the fire brigade.			
	6.Monitored output for the connection of external signalling devices with display of activation, fault or disablement.			
	7.Dry contact outputs for summary alarm and summary fault.16 open-collector outputs which can be freely parameterised as transmitting devices, alarming devices,actuations or other output.			
	8.Two integrated serial interfaces.			
	9.Control panel recognises all control panel components and loop elements by means of auto-setup during first commissioning.			
	10.Connection of detectors via unshielded 2-wire cabling.			
	11.Stand-by batteries 2 × 12V/max. 22Ah can be installed in the control panel's housing.			
	12. Mains voltage 230VAC +10/-20%, 47...63Hz			
	13.Connection power 75VA			
	14.Output voltage typ.27.6 VDC			
	15.Output current of power supplyMax 2.3A			
	16.Current consumption at 24V ; typ. 90mA (without optional componentries)			
	17.Ambient temperature : -5°C to +50°C			
	18.Dimensions W × H × D : 420 × 520 × 120 (mm)			
	19.Colour :grey white, RAL 9002			
	20.Weight without batteries approx. : 7.2Kg			
	21.Approvals VdS G201017, 0786-CPD-20866			
22. Make : Visonic /LST/ Cease Fire/ Fire Force/ Everlux /Equivalent				
2	Supplying and Installation of Wireless Smoke Detector as per below technical specification.	306		
	1.The radio-linked optical smoke detector operates with an optical sensing chamber based on the principle of scattered light			
	2.The detector communicates with a fire detection control panel in loop technology via (Labor Strauss/700 protocol) the Loop RF Translator			
	3.Two lithium batteries are accommodated in the detector base			
	4.The two colored LED indicator with 360° visibility			
	5.Mechanical theft protection in the base			
	6.Weight: 150gm.			
	7.Operating frequency range :865 MHz – 867 MHz			
8.Radio signal's modulation type :FSK				

	<p>9.Number of frequency channels 7</p> <p>10.Radiated power range :5 dBm (3 mW)</p> <p>11.Transmission message period : 60 Sec.</p> <p>12.Main battery: Type CR123A</p> <p>13.Secondary battery :Type CR2032A</p> <p>14.Dimensions : 110 mm x 54 mm</p> <p>15.Operating temperature range : From -30 °C to +50 °C</p> <p>16. Certification: LPCB 928k 0832-CPD-1069.</p> <p>17.Warranty 12 Months</p> <p>18. Make : Visonic /LST/ Cease Fire/ Fire Force/ Everlux / Equivalent</p>		
3	<p>Supplying and Installation of RF-Translators as per below technical specification.</p> <p>1.RF Translator serves as a gateway between a Fire Detection Control Panel Series and the wireless devices</p> <p>2.RF Translator communicates with the control panel via the loop.</p> <p>3.RF Translator can administrate up to 32 detectors, manual call points, modules or signaling Devices.</p> <p>4.The gateway itself occupies one module address on the loop.</p> <p>5.RF Translator can be linked with a maximum of 7 RF expanders.</p> <p>6.Status indication via 3 LEDs. 2 orthogonal antennas for safe radio communication.</p> <p>7.Radio transmission range of 200m (in free air).</p> <p>8.Weight 300gm</p> <p>9.Loop power supply range from 18Vdc to 40Vdc</p> <p>10.Typical current consumption : 20mA (at 24Vdc)</p> <p>11.Operating frequency range :865 MHz -867 MHz</p> <p>12.Radiated power range :5 dBm (3 mW)</p> <p>13.Radio signal's modulation type : FSK</p> <p>15.Number of frequency channels: 7</p> <p>16.Communication range with a wireless expander device : 600 m (in open space) *</p> <p>17.Communication range with other wireless devices: 200 m (in open space) *</p> <p>18.Maximum linked wireless devices: 32</p> <p>19.Maximum linked wireless expander devices :7</p> <p>20.Temperature range from : -30°C to +50°C</p> <p>21.Tolerated humidity range (no condensing) :from 5% RH to 90% RH</p> <p>22.Dimensions (without antennas) :120 mm x 160 mm x 50 mm</p> <p>23.Number of antennas 2</p> <p>24.External antenna's length 74mm</p> <p>25. Certification: LPCB 928n 0832-CPD-1071 with Warranty 12 Months</p> <p>26.Warranty 12 Months</p> <p>27. Make : Visonic /LST/ Cease Fire/ Fire Force/ Everlux / Equivalent</p>	17	
4	<p>Supplying and Installation of RF-Expander as per below technical specification.</p> <p>1.RF Expander , the range of a Loop RF Translator can be increased to more than 3km</p> <p>2. The expander serves as a gateway between the RF interface and the radio devices Series.</p> <p>3. The expander can administrate up to 32 automatic detectors, manual call points, modules or signaling devices and 3 additional expander</p> <p>4. Configuration by means of PC software, 2 orthogonal antennas for safe radio communication, 7 bi-directional data channels, High range of radio transmission</p> <p>5. Weight: 330 grams Without batteries</p> <p>6.Communication range with other wireless devices: 200 m (in open space) *</p> <p>7.Operating frequency range: 865 MHz – 867 MHz</p> <p>8.Radio signal's modulation type :FSK</p> <p>9.Number of frequency channels 7</p> <p>10.Radiated power range 5dBm(3 MW)</p> <p>11.Transmission message period 12 Seconds</p> <p>12.Power supply voltage range From 9V to 29 VDC</p> <p>13.Current consumption at 24 V: typ. 50mA</p> <p>14.Dimensions (W x H x D): 120 mm x 160 mm x 50 mm (Without antennas)</p> <p>15.Operating temperature range : From -30 °C to +50 °C</p> <p>16.Antennas: Two</p> <p>17.Primary and backup power supply voltage's lower fault threshold 11 +/- 0.5 V</p>	10	

	18. Certification: LPCB, according to EN 54-25 with Warranty 12 Months		
	19.Warranty 12 Months		
	20. Make : Visonic /LST/ Cease Fire/ Fire Force/ Everlux / Equivalent		
5	Supplying and Installation of Wireless Manual Call Point as per below technical specification.		
	1.The manual call point is accommodated in a red plastic housing and communicates with a fire detection control panel in loop technology (Labor Strauss/700 protocol) via the Loop RF Interface.		
	2.The panel can be placed again into the idle position with a special key, thereby resetting the detector.		
	3.Two lithium batteries are accommodated in the manual call point		
	4.Radio transmission of max. 200m (in free air)		
	5.Communication range with Translator 200 m (in open space) *		
	6.Operating frequency range : 865 MHz - 867 MHz		
	7.Radio signal's modulation type :FSK		
	8.Number of frequency channels : 7		
	9.Radiated power range : 5 dBm (3 mW)	17	
	10.Transmission message period : 60 seconds		
	11.Main battery :Type CR123A		
	12.Secondary battery :Type CR2032A		
	13.Dimensions (W x H x D): 87 mm x 87 mm x 58 mm		
	14.Operating temperature range : From -30 °C to +55 °C		
	15.Weight : 200 g (without batteries, with mounting box)		
	16 Protection: IP54 (in connection with mounting box)		
	17. Approval: LPCB pending, according to EN 54-11 and EN 54-25 with Warranty 12 Months		
	18.Warranty 12 Months		
	19. Make : Visonic /LST/ Cease Fire/ Fire Force/ Everlux / Equivalent		
6	Supplying and Installation of Wireless Sounder-Strobe as per below technical specification.		
	1.The radio sounder-strobe communicates with a fire detection control panel in loop technology (Labor Strauss/700 protocol) via the Loop RF Interface.		
	2.Two lithium batteries are accommodated in the sounder strobe.		
	3.The tone is set by means of a DIL switch. The sounder is always activated together with the strobe		
	4.Sound level of 100dB(A) / 1m distance		
	5.Flash frequency of 1Hz.		
	6. Protection Class: IP21		
	7. Communication range with Translator :200 m (in open space) *		
	8. Operating frequency range :865 MHz – 867 MHz		
	9. Radio signal's modulation type FSK	17	
	10. Number of frequency channels :7		
	11. Radiated power range :5 dBm (3 mW)		
	12. Sound output volume (adjustable) 79-80 dB(A) — 99-100 dB(A)		
	13. Main battery Type CR123A		
	14. Secondary battery:Type CR2032A		
	15. Max tolerated humidity 95% RH		
	16. Operating temperature range From -10 °C to +55 °C		
	17. IP Rating: IP 21		
	18. Weight: 235g (without batteries)		
	19Approval: Vds Approved.		
	20.Warranty 12 Months		
	21. Make : Visonic /LST/ Cease Fire/ Fire Force/ Everlux / Equivalent		
7	Supplying and Installation of Mist Fire Extinguisher 6 Ltrs. as per below technical specification.		
	1.Watermist Portable fire extinguisher capable of producing fine Mist of < 80 microns size.		
	2. Capacity :- 6 Liters		
	3. Certification: CE Certified and ERDA approved for leakage current as per (Cl. No. 8.6) of IS 15683:2006 & (Cl. No. 09) of EN 3-7:2004+A1:2007 (E)		
	4.Fire Extinguisher Test Certificate Pass with : Mass Spectrometer , Helium Leak Detection Tested & 24 Hour Leakage test.	72	
	5.Body : Mild Steel Body		
	6. Intra Alarm System with Housing 3mm/1/8" polycarbonate, Dimension : H-W-D 136X136X50 mm , Power Source:9V DC, Sounder output 95db-low / 98dB-high,Operating Cable 3mm galvanized steel, Alarm Current: 40mA at 95dB / 150mA at 98dB Colour: Red.		
	7. Pressure Gauge: Magnetic Pressure made in Germany		
	8. Safety Seal:- Poly Propylene yellow colour Tamper-proof safety seal		

	<p>9. Pressure Type :-Stored Pressure</p> <p>10. Fire Rating:- 8A, 34B & 40F printed on Fire Extinguisher</p> <p>11.Effective on : Class-A, Class-B, Class-F and Electrically Started Fires</p> <p>12.Gross CAN Weight 12.15 Kg</p> <p>13. Empty CAN Weight 6.15 Kg,</p> <p>14.CAN Height 615MM , Diameter 175 MM</p> <p>15.Discharge Mechanism: Controllable discharge mechanism,</p> <p>16.Can Construction : Deep drawn & CO2 Mig welded</p> <p>17.Valve Construction : Forging & Machining</p> <p>18. Sheet metal thickness : 2.00 MM</p> <p>19. Discharge Time : Min 13 Seconds</p> <p>20.Warranty 12 Months</p> <p>21. Make : Visonic /LST/ Cease Fire/ Fire Force/ Everlux / Equivalent</p>		
8	<p>Supplying and Installation of Powder base 4Kg as per below technical specification.</p> <p>1.Base:- Urea complex with Potassium bicarbonate Powder Base.</p> <p>2. Capacity :- 4 Kg</p> <p>3. Certification: EN approved, CE marked and ISO Approved</p> <p>4.Fire Extinguisher Test Certificate Pass with : Mass Spectrometer , Helium Leak Detection Tested & 24 Hour Leakage test.</p> <p>5.Body : Mild Steel Body</p> <p>6. Insta Aram System with Housing 3mm/1/8" polycarbonate, Dimension: H-W-D 136X136X50 mm , Power Source:9V DC, Sounder output 95db-low / 98dB-high,Operating Cable 3mm galvanized steel, Alarm Current: 40mA at 95dB / 150mA at 98dB Colure: Red.</p> <p>7.Pressure Gauge: Magnetic Pressure made in Germany</p> <p>8. Safety Seal:- Poly Poplin yellow colure Tamper-proof safety seal</p> <p>9. Pressure Type :-Stored Pressure</p> <p>10. Fire Rating:- 189 B printed on Fire Extinguisher</p> <p>11.Effective on : Class-B, Class-C and Electrically Started Fires</p> <p>12.Gross CAN Weight 7.4 Kg</p> <p>13. Empty CAE Weight 3.4 Kg,</p> <p>14.CAN Height 480MM , Diameter 160MM</p> <p>15.Discharge Mechanism: Controllable discharge mechanism,</p> <p>16.Can Construction : Deep drawn & CO Mig welded</p> <p>17.Valve Construction : Forging & Machining</p> <p>18.Internal and External Coating of Can : Epoxy Polyester Powder coating</p> <p>19. Sheet metal thickness : 1.60 MM</p> <p>20. Discharge Time and Range : less than 15 Sec & 4 Meters</p> <p>21.Warranty 60 Months</p> <p>22. Make : Visonic /LST/ Cease Fire/ Fire Force/ Everlux / Equivalent</p>	10	
9	<p>Supplying and Installation of Clean Agent Fire Extinguisher 2 Kg as per below technical specification.</p> <p>1.The Fire Extinguisher must based on Zero ODP.</p> <p>2.The bidder must submit Letter of Authorization from OEM for using Clean Agent (HFC 236) in Portable Fire Extinguisher.</p> <p>3.The Clean Agent (HFC 236) should be listed under EPA's SNAP program, Underwriters Laboratories .</p> <p>4.The current and valid BIS certification IS 15683:2006 needs to be submitted along with offer.</p> <p>5.The Product should be EN Approved and CE marked. Valid certificate as on date needs to be submitted along with the bid.</p> <p>6. Insta Aram System with Housing 3mm/1/8" polycarbonate, Dimension: H-W-D 136X136X50 mm , Power Source:9V DC, Sounder output 95db-low / 98dB-high,Operating Cable 3mm galvanized steel, Alarm Current: 40mA at 95dB / 150mA at 98dB Colure: Red.</p> <p>7.Fire Rating:- 2A and 15B printed on Fire Extinguisher, Effective on : Class-A, Class-B and Electrically Started Fires, Gross CAN Weight 3.7 Kg, Empty CAE Weight 1.7 Kg, CAN Height 344MM , Diameter 108MM,Sheet metal thickness : 1.60 MM.</p> <p>8.The bidder must submit Material Safety Data Sheet for HFC 236 Gas.</p> <p>9.The Extinguisher must have controllable discharge mechanism to provide flexibility of releasing extinguishing agent on targeted fire location.</p> <p>10.Tamper-proof safety seal.</p> <p>11.Each vessel needs to be checked for tensile strength upto 35 kgf/cm2 and Manufacturer has to submit Hydrostatic pressure testing certificate for the same.</p> <p>12.The extinguishers should be pressurized using high grade Dry Nitrogen as per IS 1747 standard. OEM declaration should be submitted.</p> <p>13.Can Construction : Deep drawn & CO2 Mig welded</p> <p>14.Valve Construction : Forging & Machining</p>	23	

	15.Internal Coating of Can : Epoxy Powder coating,			
	16.External Coating of Can : Epoxy Polyester Powder coating			
	17.In-house Helium Leak Detection Testing is must to ensure maintenance of Stored Pressure in the cylinder over a period of 05 Years.			
	18.Boiling point of Extinguishing agent should be -1.4C (29.5 F) @ 760 mm Hg.			
	19.Vapor pressure should be 272.4 kPa @ 25 C (77 F)			
	20.Melting point must be -98 C (-144 F)			
	21.Freezing point must be -103 C (-153 F)			
	22.Form must be Liquefied gas			
	23.Specific gravity must be 1.370 gm/cc			
	24.The firm must submit the valid product performance test report from NABL accredited Government Lab towards desired fire ratings.			
	25.Warranty 60 Months			
	26. Make : Visonic /LST/ Cease Fire/ Fire Force/ Everlux / Equivalent			
10	Supplying and Installation of Clean Agent Fire Extinguisher 4 Kg as per below technical specification.			
	1.The Fire Extinguisher must based on Zero ODP.			
	2.The bidder must submit Letter of Authorization from OEM for using Clean Agent (HFC 236) in Portable Fire Extinguisher.			
	3.The Clean Agent (HFC 236) should be listed under EPA's SNAP program, Underwriters Laboratories.			
	4.The current and valid BIS certification IS 15683:2006 needs to be submitted along with offer.			
	5.The Product should be EN Approved and CE marked. Valid certificate as on date needs to be submitted along with the bid.			
	6. Insta Aram System with Housing 3mm/1/8" polycarbonate, Dimension: H-W-D 136X136X50 mm , Power Source:9V DC, Sounder output 95db-low / 98dB-high,Operating Cable 3mm galvanized steel, Alarm Current: 40mA at 95dB / 150mA at 98dB Colure: Red.			
	7.Fire Rating:- 5A and 34B printed on Fire Extinguisher, Effective on : Class-A, Class-B and Electrically Started Fires, Gross CAN Weight 6.9 Kg, Empty CAE Weight 2.9 Kg, CAN Height 435MM , Diameter 140MM,Sheet metal thickness : 1.60 MM.			
	8.The bidder must submit Material Safety Data Sheet for HFC 236 Gas.			
	9.The Extinguisher must have controllable discharge mechanism to provide flexibility of releasing extinguishing agent on targeted fire location.			
	10.Tamper-proof safety seal.	36		
	11.Each vessel needs to be checked for tensile strength upto 35 kgf/cm2 and Manufacturer has to submit Hydrostatic pressure testing certificate for the same.			
	12.The extinguishers should be pressurized using high grade Dry Nitrogen as per IS 1747 standard. OEM declaration should be submitted.			
	13.Can Construction : Deep drawn & CO2 Mig welded			
	14.Valve Construction : Forging & Machining			
	15.Internal Coating of Can : Epoxy Powder coating,			
	16.External Coating of Can : Epoxy Polyester Powder coating			
	17.In-house Helium Leak Detection Testing is must to ensure maintenance of Stored Pressure in the cylinder over a period of 05 Years.			
	18.Boiling point of Extinguishing agent should be -1.4C (29.5 F) @ 760 mm Hg.			
	19.Vapor pressure should be 272.4 kPa @ 25 C (77 F)			
	20.Melting point must be -98 C (-144 F)			
	21.Freezing point must be -103 C (-153 F)			
	22.Form must be Liquefied gas			
	23.Specific gravity must be 1.370 gm/cc			
	24.The firm must submit the valid product performance test report from NABL accredited Government Lab towards desired fire ratings.			
	25.Warranty 60 Months			
	26. Make : Visonic /LST/ Cease Fire/ Fire Force/ Everlux / Equivalent			
11	Supplying and Installation of Automatic Ceiling Mounted Fire Extinguisher 10 Kg as per below technical specification.			
	1.Base:- MAP-90 Ceiling Mounted Base			
	2. Capacity :- 10 Kg			
	3.Certification: ISO Certified			
	4.Fire Extinguisher Test Certificate Pass with : Mass Spectrometer , Helium Leak Detection Tested & 24 Hour Leakage test.	6		
	5.Body : Mild Steel Body			
	6.Internal and External Coating of Can : Epoxy Polyester Powder coating			
	7. State Of the Art Pressure Gauge: Magnetic Pressure made in Germany			

	<p>8. Discharge Mechanism: Auto discharge mechanism on temperature rise 68 Degree.</p> <p>9. Pressure Type :-Stored Pressure</p> <p>10. Discharge Time : Less than 10 Sec</p> <p>11.Effective on : Class-A, Class-B and Electrically Started Fires</p> <p>12.Gross CAN Weight 14.8 Kg</p> <p>13. Empty CAE Weight 4.8 Kg,</p> <p>14.CAN Height 320MM , Diameter 300MM</p> <p>15.Discharge Mechanism: Controllable discharge mechanism,</p> <p>16.Can Construction : Deep drawn & CO Mig welded</p> <p>17.Valve Construction : Forging & Machining</p> <p>18. Sheet metal thickness : 2.00 MM</p> <p>19.Warranty 60 Months</p> <p>20. Make : Visonic /LST/ Cease Fire/ Fire Force/ Everlux / Equivalent</p>			
12	<p>Supplying and Installation of Trolley base Powder Fire Extinguisher 50 Kg. as per below technical specification.</p> <p>1.Base:- M.A.P. with 90% concentration Trolley Base with 50 Kg capacity.</p> <p>2.Fire Extinguisher Test Certificate Pass with : ISO,ISI & CE Certificate.</p> <p>3.Certification: Party should supply BIS certification; Vendor is to be the manufacturer of item. IS 10658 marking , filled with Powder conforming to IS 14609, fitted with PESO approved Co2 charge cartridge as per IS 7285 , CE Certification ,IS10658:1999 Certification and ISO Approved Certification</p> <p>4.Threading of Seamless MS neck ring in accordance with class 'A' of IS 2643 or IS 4218 (Part 3) and filler opening shall not be less than 20 mm and the threaded length shall not be less than 16 mm. Siphon tube press fit type, soldering brazing or with suitable threads in accordance with IS 2643(part 2) or IS 4218 (part 3).</p> <p>5. Braided PVC Hose with 750mm length (min. 12 mm ID) shall have min. bursting pressure of 50Kgf/cm2.</p> <p>6.Painted with fire red shade no 536 or post office red shade no 538 conforming IS 5: 1978</p> <p>7.Extinguisher treated for anticorrosion, hydrostatic pressure test, leakage test and drop test.</p> <p>8. Marking shall conform to clause 10.2, IS 15683</p> <p>9.The product should be fitted with a magnetic gauge which would reassure the correct indication of inside pressure. The extinguisher should be fitted with an apparatus which would sound an alarm in case Fir e Extinguisher is removed from its installed place.</p> <p>10. Fire Rating:- 55A & III B printed on Fire Extinguisher</p> <p>11.Effective on : Class-A, Class-B, Class-C and Electrically Started Fires</p> <p>12.Gross CAN Weight 125 Kg</p> <p>13. Empty CAE Weight 75 Kg,</p> <p>14.CAN Height 1190MM , Diameter 400MM</p> <p>15.Discharge Mechanism: Controllable discharge mechanism with long EPDM hose pipe.</p> <p>16.Can Construction : Deep drawn & CO Mig welded</p> <p>17.Valve Construction : Forging & Machining</p> <p>18.Internal and External Coating of Can : Epoxy Polyester Powder coating</p> <p>19. Sheet metal thickness : 5.00 MM</p> <p>20. Discharge Time and Range : less than 50 Sec & 8 Meters</p> <p>21.Warranty 12 Months</p> <p>22. Make : Visonic /LST/ Cease Fire/ Fire Force/ Everlux / Equivalent</p>	9		
13	<p>Supplying and Installation of Fire Suite as per below technical specification.</p> <p>1. Fire Suit:- Outer Shell PBI Gold, Moisture Barrier : FR nonwoven with Pumembrane, Heat Barrier : 2 layers of FR nonwoven, Inner Lining : Aramid / Viscose FR, Sewing Thread : 100% Aramid, Jacket with Radio Pocket, Anti wicking strips at the helm of the jacket, Throat Closure tab located under the collar, 3M Scotchlite 9687, 5 cm Width yellow silver yellow reflective tapes with Aramid backing (2 rows at hem and arms and 1 row at chest and back), 60 cm zipper on the front with quick release system, concealed by a storm flap, closes with FR Velcro fasteners, Pockets on front right and left with closing by FR Velcro fasteners, FR Velcro Fastener for Adjustment, Pieces under sleeves to increase movement capability, Para-Aramid knitted cuffs (can be attached to the thumbs), designed to prevent the liquids and burning particles to go in, Trousers 25 cm Front opening with a FR Velcro and single stud, Leg hems at least 26 cm, Elastic belts on both the right and left sides of the waist, Anti wicking strips at the leg hems of the trousers, Elastic and adjustable braces, Two rows of 3M scotchlite 9687, 5 cm width yellow silver yellow reflective tapes with aramid backing. Certificate:-EN 469 : 2005 Level 2 Certified, PBI gold Certified Manufacturer.</p>	3		

	<p>2.Helmet : Chin belts with a clip, made of Nomex fabric, 22 mm wide with black leather cover., Switching plate, made of polyamide with glass fibre.leather cover., Retention belt equipped with a regulating system (54-62), made of polyamide and leather., The helmet conforms to all provisions of PN-EN 443:2008 norm, Gold plated visor with inner ocular shield, and inner face protector made of polycarbonate covered with hardening coat provide resistance to flame, chemicals and infra-red radiation, The shell of the helmet is made of polyester Kevlorglass laminate. It is smooth, without sharp folds, one size and different colours., Provision for torch with switch, and breathing apparatus with holder. Fully compatible with modern wireless communication sets, Shock-absorbing insert made of polyurethane foam, strengthened with an inner bowl, which provides maximum technicalresistance, stroke-absorption and ergonomic comfort.Certification: PN-EN 443:2008 norm</p>		
	<p>3.Gloves: Double face knitted, silicon bonded Kevlar palm, highly flexible, knuckle protector, waterproof and blood borne pathagon proof insert, washable at 30 Degree C.</p>		
	<p>4.Boots :Vulcanized Rubber Upper and Sole, Upper Construction with Flame retardant upper with heat insulation level 3 capabilities, Reinforced upper formulation with minimum thickness of 2.00MM, High Visibility black and yellow contrast, sole / heel : fuel oil resistance suitable for inimical environment, slip resistance vulcanized rubber sole conforms to EN 13287, excellent abrasion resistant for extra durability, tested to withstand 18KV live current (dry condition), Heel energy absorption design to minimize the impact to the heel, centered to enter high temperature with HRO performance, Multitasking performance with cold insulation protection. One pc stainless steel which exceeds EN ISO 20345 sole penetration and flexing test requirements to with stand pin and sharp objects, steel toe cap : Meets en ISO 20345 impact and compression tests. Reliable protection in cold and hot environment, Sole and upper – resistant towards mild acids and alkaline, Hypalon lacquer coating for weather protection. Certificate:- Conforms to EN 13287, EN ISO 20345,Meets en ISO 20345</p>		
	<p>5.Warranty 60 months.</p>		
	<p>6. Make : Visonic /LST/ Cease Fire/ Fire Force/ Everlux / Equivalent</p>		
14	<p>Supplying and Installation of Single Trolley as per below technical specification.</p>		
	<p>1.Capacity: Fire Extinguisher Trolley to carry single extinguisher from 2Kg till 10Kg capacity,</p>		
	<p>2. Certificate : ISO</p>		
	<p>3 Photo luminescent signs to locate trolley in darkness,</p>		
	<p>4.Powder coated rustproof body steel with polyester coated red colored</p>	22	
	<p>5.Retractable handles for easy maneuverability with binding straps to hold the Fire Extinguishers</p>		
	<p>6.Overall size 320mm x 290mm x 905mm</p>		
	<p>7.Warranty 12 months.</p>		
	<p>8. Make : Visonic /LST/ Cease Fire/ Fire Force/ Everlux / Equivalent</p>		
15	<p>Supplying and Installation of Escape Blanket set as per below technical specification.</p>		
	<p>1.Fire Escape Blanket, Mild Steel Box size 425mm x 360mm 140mm, Epoxy powder coated to protect it from weathering,</p>		
	<p>2.Smoke Hood :Tested to European Standard EN 403: 1993-S, Known to reduce Carbon monoxide, propenal (acrolein), hydrogen chloride, hydrogen cyanide and solid & 0 liquid toxic particles to manageable level for at least 15 minutes, shall withstand temperatures upto 80 Deg, Single Use only, Fire Blanket :Size: 1.2m x 1.8m, Used to cover any vessel containing the fire completely, Used to extinguish a clothing fire wrap blanket around victim.</p>	5	
	<p>3.Warranty 12 months.</p>		
	<p>4. Make : Visonic /LST/ Cease Fire/ Fire Force/ Everlux / Equivalent</p>		
16	<p>Supplying and Installation of Emergency Evacuation Signage's as per below technical specification.</p>		
	<p>1.Photoluminescent rigid plastic 2 mm thickness, size 260X160 mm.</p>		
	<p>2.Certification: DIN67510 and ISO16069</p>		
	<p>3Brushed Stainless Steel, Transparent Acrylic Glass & Opaque Acrylic Glass Options available</p>		
	<p>4. Material Used - Non Radioactive , non-phosphorous, non toxic and lead free</p>		
	<p>5. Time after removing the light source (in minutes) : 60 minutes</p>	67	
	<p>6. Luminescent intensity (milicandelas * per square meter – mcd/sqm) : 30 mcd/sqm</p>		
	<p>7. Luminescent Intensity greater than 0.32 mcd/sqm</p>		
	<p>8. Period of Light Decay* (In Minutes) : 3100 Minutes</p>		
	<p>9. Printed on High Quality gloss paint with UV resistance.</p>		
	<p>10.Warranty 60 months.</p>		
	<p>11. Make : Visonic /LST/ Cease Fire/ Fire Force/ Everlux / Equivalent</p>		

17	Supplying and Installation of Marking Strips Evacuation Signage's as per below technical specification.	67		
	1. Photo luminescent rigid plastic, 2 mm thickness, Printed on High Quality gloss paint with UV resistance.			
	2.Certification: DIN67510 and ISO16069			
	3. Material Used - Non Radioactive , non-phosphorous, non toxic and lead free			
	4. Time after removing the light source (in minutes) : 60 minutes			
	5. Luminescent intensity (milicandelas * per square meter – mcd/sqm) : 30 mcd/sqm			
	6. Luminescent Intensity greater than 0.32 mcd/sqm			
	7. Period of Light Decay* (In Minutes) : 3100 Minutes			
	8.Warranty 60 Months			
	9. Make : Visonic /LST/ Cease Fire/ Fire Force/ Everlux / Equivalent			
18	Supplying and Installation of 4 Core 2.5sq mm Armored Cable Providing and erecting XLPE(IS:7098)(I)-88 ISI armored cable multistoried Copper conductor for 1.1 KV to laid on wall with necessary lames or in exit sting trench/ pipe at road crossing or floor of following size of cables (A) 4 core 2.5sq mm	2550		

Sd/-
(Dr. K. Y. Sultan)
Director
Medical & Health Services, Daman.

ANNEXURE – A

VERIFICATION, UNDERTAKING, CHECKLIST & DOCUMENTS

From: M/s.....
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.....

To
Director
Medical & Health Services,
Daman & Dui
Moti Daman-396 210
Sub: Supply of Fire Safety Devices for Community Health Centre, Moti Daman, Primary Health Centre, Kachigam & Government. Hospital, Daman.
Ref: Tender Enq #.....

Sir,

I/We enclose the necessary documents duly signed, as shown in Annexure ‘A’ (in order in which they are mentioned). I/We have carefully read and understood the terms and conditions stated in the tenders from and I/We shall abide by all these conditions. I/We further endorse that in particular, the terms and conditions of Delivery Period, Payment Terms, Place of Delivery etc are acceptable to me/us and no representation will be made by me/us afterwards for altering the same.

I/We verify the copies of the certificates/documents enclosed herewith are authentic true copies of the original certificates / documents for verification on demand. I/We undertake to upload the attested copies of certificates/documents required on the website. I/We will be cautious to see that the uploaded scan documents are legible and i/we understand that if the documents are not legible, my/our tender will be rejected.

I/We verify that I/We are in possession of the requisite licenses/permits required for the manufacture /supply /sale / distribution of the items and further verify that the said licenses/permits have not been revoked/ cancelled by the issuing authorities and are valid as on date. I/We also verify that I/We have not been declared defaulter, blacklisted or debarred by any State or Central Government or Constitutional authority or Financial Institution or Judicial Court or any Government undertakings.

I/We also take cognizance of the fact that providing misleading or questionable information or failure to furnish correct or true information to you or any other Officer or failure to comply with any contractual requirement laid down by you will be considered as a serious breach of the terms and conditions of the tender and will invite disqualification and other penal action as deemed fit by the UT Administration.

Thanking You,

Yours faithfully,

Sign & Stamp of Tenderer.

ANNEXURE- 'B':

SCHEDULE OF DOCUMENTS ATTACHED

Sr. No	Document/Certificate	Uploaded & Enclosed
A.	General Documents :	
1	PAN No.	Yes/No
2	Sale Tax Reg./VAT Reg.	Yes/No
3	IEC Certificate	Yes/No
4	Partnership Deed/Memorandum/Registration of Firm etc	Yes/No
5	Turnover Certificate of Chartered Accountants for last three years	Yes/No
6	Verification, Undertaking, Checklist and Documents as per Annexure-A	Yes/No
7	Copy of Terms and Conditions documents duly Stamped and Signed	Yes/No
8	Copy of Schedule of Documents (as Annexure-B) correctly filled with Stamped and Signed	Yes/No
B	Under Technical :	
1	Original Product Literature of each quoted product	Yes/No
2	List of Installations/Users/Customers with Phone Numbers	Yes/No
3	Letter of Authority for each quoted product	Yes/No
4	ISO / ISI Certificate	Yes/No
5	Other relevant Certificates i.e. CE/EN standards for each quoted product	Yes/No

It is verified that all the certificates/permissions/documents are valid and current as on date and have not been withdrawn / cancelled by the issuing authority. It is further verified that the certificates at Sr.No.A-6 & Sr.No.B-3 declaration part are as per the format prescribed by the Administration and it is clearly and distinctly understood by me/us that the tender is liable to be rejected if on scrutiny and of these certificates is found to be not as per the prescribed format of Administration. I/We further undertake to produce on demand the original certificate/permission/document for verification at any stage during the processing of the tender.

Date:

Place:

Sign & Stamp of tenderer.

DECLARATION OF OWNERSHIP

1. I/We certify that the tenderer is sole proprietorship/partnership firm/private limited company/public limited company of which the registered office is located in _____ in the state of _____

2. The name, designation and address of the authorized signatory who is authorized to negotiate/sign/execute on behalf of the tenderer is as under:

Name: _____

Designation: _____

Address: _____

Email: _____ Telephone: (O) _____

(R) _____

Fax: _____ Mobile: _____

3. The name, address and telephone numbers of the sole proprietor/all the partners/ all the directors of the tenderer are as under:

S.N	Name and Address	Telephone O/R/M	Fax	email
1				
2				
3				
4				
5				
6				

Date: _____

Sign & stamp of tenderer.

DECLARATION OF ISO MARKED GOODS

I/We _____ hereby certify that:

1. The following items which form part of Tender Enquiry # _____ are manufactured by us
at _____ plant/s which has been awarded ISO _____*
certificate vide # _____

Dt _____

2. The following items which form part of Tender Enquiry # _____ above are manufactured by us/licenses
at _____ plant/s which has not been awarded any ISO Certificate: _____

Date:

* Mention the category of ISO certificate (i.e 9000/14000 etc)

Sign & Stamp of tenderer

ANNEXURE – C

(FORMAT OF AUTHORIZATION LETTER FOR AUTHORIZED DISTRIBUTOR)

I / We hereby declare that...

1. M/s. _____ is our authorized distributor for our products in India from date and they are authorized to quote and follow up on our behalf and the said agreement is valid in force as on date;

2. I/We undertake to supply the drugs / items for which the quotations of following items are submitted by M/s. _____ on our behalf in respect of Tender Enquiry #: _____

Sr.No. Item No. Name of Item

- (1)
- (2)

3. I / We have read all the terms and conditions of the tender enquiry and the same are irrevocably binding upon us till the expiry of the contract signed & executed on our behalf;

4. I/We shall notify the Director , Medical Health & Services Daman & Dui immediately if there is any change in the agreement between M/s. _____ and me/us regarding authorized distributorship of our products and further undertake to supply the items quoted by the distributor on my / our behalf at the quoted in the tender enquiry in case of such a change of agreement.

5. This authority is applicable only for Tender Enquiry of Community Health Centre, Moti Daman, Primary Health Centre, Kachigam & Government. Hospital Daman.

Annual E Tender for Year 2014-15 due on _____.

Date:-

Signature of Authorized Signatory

ADMINISTRATION OF DAMAN AND DIU,
DIRECTORATE OF MEDICAL & HEALTH SERVICES,
PRIMARY HEALTH CENTER, MOTI DAMAN.

Tender Notice No.DHMS/DD/GA-46/2014-15/3249 Dated:- 02/12/2014

Price Schedules:

FINANCIAL FORM (FINANCIAL BID)

Fire Safety Devices for Community Health Center Moti Daman, Primary Health Center, Kachigam, Nani Daman & Government Hospital, Daman.

Sr. No.	Technical Specification	Quantity	Offer Company	Rate / Unit	Total
1	<p>Supplying and Installation of Smoke Detector Control Panel as per below technical specification.</p> <p>1.Fire Alarm Panel System with a State of the art HYBRID System.</p> <p>2.The Fire Detection Control Panel is a modularly designed control panel for fire detection systems The Fire Detection Control Panel is a modularly designed compact control panel for fire detection systems with a ADM loop (ring-bus technology). It is an already completely mounted unit, which includes all basic components that are needed for the operation of a loop fire detection control panel.</p> <p>3.Micro-processor technology with diverse redundant processing logic Administration of up to 144 detector zones for manual call points, automatic fire detectors with or without alarm verification, technical messages and fault detectors with or without self-resetting property. Administration of 10 transmitting devices, 99 alarming devices, 128 actuations and 199 sectors. INFO field with a 4 line by 20 character backlit text display providing information about all current events in English.</p> <p>4.Event memory with quick-search filter displays the latest 500 events in chronological order.</p> <p>5.Display of activation, fault, disablement, alarm delay, call fire brigade and confirmation of the transmitting device to the fire brigade.</p> <p>6.Monitored output for the connection of external signalling devices with display of activation, fault or disablement.</p> <p>6.Dry contact outputs for summary alarm and summary fault.16 open-collector outputs which can be freely parameterised as transmitting devices, alarming devices,actuations or other output.</p> <p>7.Two integrated serial interfaces.</p> <p>8.Control panel recognises all control panel components and loop elements by means of auto-setup during first commissioning.</p> <p>9.Connection of detectors via unshielded 2-wire cabling.</p> <p>10.Stand-by batteries 2 × 12V/max. 22Ah can be installed in the control panel's housing.</p> <p>11. Mains voltage 230VAC +10/-20%, 47...63Hz</p> <p>12.Connection power 75VA</p> <p>13.Output voltage typ.27.6 VDC</p> <p>14.Output current of power supplyMax 2.3A</p> <p>15.Current consumption at 24V ; typ. 90mA (without optional componentries)</p> <p>16.Ambient temperature : -5°C to +50°C</p> <p>17.Dimensions W × H × D : 420 × 520 × 120 (mm)</p> <p>18.Colour :grey white, RAL 9002</p> <p>19.Weight without batteries approx. : 7.2Kg</p> <p>20.Approvals VdS G201017, 0786-CPD-20866</p> <p>21. Make : Visonic /LST/ Cease Fire/ Fire Force/ Everlux /Equivalent</p>	3			
2	<p>Supplying and Installation of Wireless Smoke Detector as per below technical specification.</p> <p>1.The radio-linked optical smoke detector operates with an optical sensing chamber based on the principle of scattered light</p> <p>2.The detector communicates with a fire detection control panel in loop technology via (Labor Strauss/700 protocol) the Loop RF Translator</p> <p>3.Two lithium batteries are accommodated in the detector base</p> <p>4.The two colored LED indicator with 360° visibility</p> <p>5.Mechanical theft protection in the base</p>	306			

	<p>6.Weight: 150gm.</p> <p>7.Operating frequency range :865 MHz – 867 MHz</p> <p>8.Radio signal's modulation type :FSK</p> <p>9.Number of frequency channels 7</p> <p>10.Radiated power range :5 dBm (3 mW)</p> <p>11.Transmission message period : 60 Sec.</p> <p>12.Main battery: Type CR123A</p> <p>13.Secondary battery :Type CR2032A</p> <p>14.Dimensions : 110 mm x 54 mm</p> <p>15.Operating temperature range : From -30 °C to +50 °C</p> <p>16. Certification: LPCB 928k 0832-CPD-1069.</p> <p>17.Warranty 12 Months</p> <p>18. Make : Visonic /LST/ Cease Fire/ Fire Force/ Everlux / Equivalent</p>			
3	<p>Supplying and Installation of RF-Translators as per below technical specification.</p> <p>1.RF Translator serves as a gateway between a Fire Detection Control Panel Series and the wireless devices</p> <p>2.RF Translator communicates with the control panel via the loop.</p> <p>3.RF Translator can administrate up to 32 detectors, manual call points, modules or signaling Devices.</p> <p>4.The gateway itself occupies one module address on the loop.</p> <p>5.RF Translator can be linked with a maximum of 7 RF expanders.</p> <p>6.Status indication via 3 LEDs. 2 orthogonal antennas for safe radio communication.</p> <p>7.Radio transmission range of 200m (in free air).</p> <p>8.Weight 300gm</p> <p>9.Loop power supply range from 18Vdc to 40Vdc</p> <p>10.Typical current consumption : 20mA (at 24Vdc)</p> <p>11.Operating frequency range :865 MHz -867 MHz</p> <p>12.Radiated power range :5 dBm (3 mW)</p> <p>13.Radio signal's modulation type : FSK</p> <p>15.Number of frequency channels: 7</p> <p>16.Communication range with a wireless expander device : 600 m (in open space) *</p> <p>17.Communication range with other wireless devices: 200 m (in open space) *</p> <p>18.Maximum linked wireless devices: 32</p> <p>19.Maximum linked wireless expander devices :7</p> <p>20.Temperature range from : -30°C to +50°C</p> <p>21.Tolerated humidity range (no condensing) :from 5% RH to 90% RH</p> <p>22.Dimensions (without antennas) :120 mm x 160 mm x 50 mm</p> <p>23.Number of antennas 2</p> <p>24.External antenna's length 74mm</p> <p>25. Certification: LPCB 928n 0832-CPD-1071 with Warranty 12 Months</p> <p>26.Warranty 12 Months</p> <p>27. Make : Visonic /LST/ Cease Fire/ Fire Force/ Everlux / Equivalent</p>	17		
4	<p>Supplying and Installation of RF-Expander as per below technical specification.</p> <p>1.RF Expander , the range of a Loop RF Translator can be increased to more than 3km</p> <p>2. The expander serves as a gateway between the RF interface and the radio devices Series.</p> <p>3. The expander can administrate up to 32 automatic detectors, manual call points, modules or signaling devices and 3 additional expander</p> <p>4. Configuration by means of PC software, 2 orthogonal antennas for safe radio communication, 7 bi-directional data channels, High range of radio transmission</p> <p>5. Weight: 330 grams Without batteries</p> <p>6.Communication range with other wireless devices: 200 m (in open space) *</p> <p>7.Operating frequency range: 865 MHz – 867 MHz</p> <p>8.Radio signal's modulation type :FSK</p>	10		

	<p>9.Number of frequency channels 7</p> <p>10.Radiated power range 5dBm(3 MW)</p> <p>11.Transmission message period 12 Seconds</p> <p>12.Power supply voltage range From 9V to 29 VDC</p> <p>13.Current consumption at 24 V: typ. 50mA</p> <p>14.Dimensions (W x H x D): 120 mm x 160 mm x 50 mm (Without antennas)</p> <p>15.Operating temperature range : From -30 °C to +50 °C</p> <p>16.Antennas: Two</p> <p>17.Primary and backup power supply voltage's lower fault threshold 11 +/- 0.5 V</p> <p>18. Certification: LPCB, according to EN 54-25 with Warranty 12 Months</p> <p>19.Warranty 12 Months</p> <p>20. Make : Visonic /LST/ Cease Fire/ Fire Force/ Everlux / Equivalent</p>			
5	<p>Supplying and Installation of Wireless Manual Call Point as per below technical specification.</p> <p>1.The manual call point is accommodated in a red plastic housing and communicates with a fire detection control panel in loop technology (Labor Strauss/700 protocol) via the Loop RF Interface.</p> <p>2.The panel can be placed again into the idle position with a special key, thereby resetting the detector.</p> <p>3.Two lithium batteries are accommodated in the manual call point</p> <p>4.Radio transmission of max. 200m (in free air)</p> <p>5.Communication range with Translator 200 m (in open space) *</p> <p>6.Operating frequency range : 865 MHz - 867 MHz</p> <p>7.Radio signal's modulation type :FSK</p> <p>8.Number of frequency channels : 7</p> <p>9.Radiated power range : 5 dBm (3 mW)</p> <p>10.Transmission message period : 60 seconds</p> <p>11.Main battery :Type CR123A</p> <p>12.Secondary battery :Type CR2032A</p> <p>13.Dimensions (W x H x D): 87 mm x 87 mm x 58 mm</p> <p>14.Operating temperature range : From -30 °C to +55 °C</p> <p>15.Weight : 200 g (without batteries, with mounting box)</p> <p>16 Protection: IP54 (in connection with mounting box)</p> <p>17. Approval: LPCB pending, according to EN 54-11 and EN 54-25 with Warranty 12 Months</p> <p>18.Warranty 12 Months</p> <p>19. Make : Visonic /LST/ Cease Fire/ Fire Force/ Everlux / Equivalent</p>	17		
6	<p>Supplying and Installation of Wireless Sounder-Strobe as per below technical specification.</p> <p>1.The radio sounder-strobe communicates with a fire detection control panel in loop technology (Labor Strauss/700 protocol) via the Loop RF Interface.</p> <p>2.Two lithium batteries are accommodated in the sounder strobe.</p> <p>3.The tone is set by means of a DIL switch. The sounder is always activated together with the strobe</p> <p>4.Sound level of 100dB(A) / 1m distance</p> <p>5.Flash frequency of 1Hz.</p> <p>6. Protection Class: IP21</p> <p>7. Communication range with Translator :200 m (in open space) *</p> <p>8. Operating frequency range :865 MHz – 867 MHz</p> <p>9. Radio signal's modulation type FSK</p> <p>10. Number of frequency channels :7</p> <p>11. Radiated power range :5 dBm (3 mW)</p> <p>12. Sound output volume (adjustable) 79-80 dB(A) — 99-100 dB(A)</p> <p>13. Main battery Type CR123A</p> <p>14. Secondary battery:Type CR2032A</p> <p>15. Max tolerated humidity 95% RH</p> <p>16. Operating temperature range From -10 °C to +55 °C</p> <p>17. IP Rating: IP 21</p> <p>18. Weight: 235g (without batteries)</p> <p>19Approval: Vds Approved.</p> <p>20.Warranty 12 Months</p>	17		

	21. Make : Visonic /LST/ Cease Fire/ Fire Force/ Everlux / Equivalent			
7	<p>Supplying and Installation of Mist Fire Extinguisher 6 Ltrs. as per below technical specification.</p> <p>1. Watermist Portable fire extinguisher capable of producing fine Mist of < 80 microns size.</p> <p>2. Capacity :- 6 Liters</p> <p>3. Certification: CE Certified and ERDA approved for leakage current as per (Cl. No. 8.6) of IS 15683:2006 & (Cl. No. 09) of EN 3-7:2004+A1:2007 (E)</p> <p>4. Fire Extinguisher Test Certificate Pass with : Mass Spectrometer , Helium Leak Detection Tested & 24 Hour Leakage test.</p> <p>5. Body : Mild Steel Body</p> <p>6. Intra Alarm System with Housing 3mm/1/8" polycarbonate, Dimension : H-W-D 136X136X50 mm , Power Source:9V DC, Sounder output 95db-low / 98dB-high, Operating Cable 3mm galvanized steel, Alarm Current: 40mA at 95dB / 150mA at 98dB Colour: Red.</p> <p>7. Pressure Gauge: Magnetic Pressure made in Germany</p> <p>8. Safety Seal:- Poly Propylene yellow colour Tamper-proof safety seal</p> <p>9. Pressure Type :-Stored Pressure</p> <p>10. Fire Rating:- 8A, 34B & 40F printed on Fire Extinguisher</p> <p>11. Effective on : Class-A, Class-B, Class-F and Electrically Started Fires</p> <p>12. Gross CAN Weight 12.15 Kg</p> <p>13. Empty CAN Weight 6.15 Kg,</p> <p>14. CAN Height 615MM , Diameter 175 MM</p> <p>15. Discharge Mechanism: Controllable discharge mechanism,</p> <p>16. Can Construction : Deep drawn & CO2 Mig welded</p> <p>17. Valve Construction : Forging & Machining</p> <p>18. Sheet metal thickness : 2.00 MM</p> <p>19. Discharge Time : Min 13 Seconds</p> <p>20. Warranty 12 Months</p> <p>21. Make : Visonic /LST/ Cease Fire/ Fire Force/ Everlux / Equivalent</p>	72		
8	<p>Supplying and Installation of Powder base 4Kg as per below technical specification.</p> <p>1. Base:- Urea complex with Potassium bicarbonate Powder Base.</p> <p>2. Capacity :- 4 Kg</p> <p>3. Certification: EN approved, CE marked and ISO Approved</p> <p>4. Fire Extinguisher Test Certificate Pass with : Mass Spectrometer , Helium Leak Detection Tested & 24 Hour Leakage test.</p> <p>5. Body : Mild Steel Body</p> <p>6. Insta Aram System with Housing 3mm/1/8" polycarbonate, Dimension: H-W-D 136X136X50 mm , Power Source:9V DC, Sounder output 95db-low / 98dB-high, Operating Cable 3mm galvanized steel, Alarm Current: 40mA at 95dB / 150mA at 98dB Colure: Red.</p> <p>7. Pressure Gauge: Magnetic Pressure made in Germany</p> <p>8. Safety Seal:- Poly Poplin yellow colure Tamper-proof safety seal</p> <p>9. Pressure Type :-Stored Pressure</p> <p>10. Fire Rating:- 189 B printed on Fire Extinguisher</p> <p>11. Effective on : Class-B, Class-C and Electrically Started Fires</p> <p>12. Gross CAN Weight 7.4 Kg</p> <p>13. Empty CAE Weight 3.4 Kg,</p> <p>14. CAN Height 480MM , Diameter 160MM</p> <p>15. Discharge Mechanism: Controllable discharge mechanism,</p> <p>16. Can Construction : Deep drawn & CO Mig welded</p> <p>17. Valve Construction : Forging & Machining</p> <p>18. Internal and External Coating of Can : Epoxy Polyester Powder coating</p> <p>19. Sheet metal thickness : 1.60 MM</p> <p>20. Discharge Time and Range : less than 15 Sec & 4 Meters</p> <p>21. Warranty 60 Months</p> <p>22. Make : Visonic /LST/ Cease Fire/ Fire Force/ Everlux / Equivalent</p>	10		
9	<p>Supplying and Installation of Clean Agent Fire Extinguisher 2 Kg as per below technical specification.</p> <p>1. The Fire Extinguisher must based on Zero ODP.</p>	23		

	<p>2.The bidder must submit Letter of Authorization from OEM for using Clean Agent (HFC 236) in Portable Fire Extinguisher.</p> <p>3.The Clean Agent (HFC 236) should be listed under EPA’s SNAP program, Underwriters Laboratories .</p> <p>4.The current and valid BIS certification IS 15683:2006 needs to be submitted along with offer.</p> <p>5.The Product should be EN Approved and CE marked. Valid certificate as on date needs to be submitted along with the bid.</p> <p>6. Insta Aram System with Housing 3mm/1/8" polycarbonate, Dimension: H-W-D 136X136X50 mm , Power Source:9V DC, Sounder output 95db-low / 98dB-high,Operating Cable 3mm galvanized steel, Alarm Current: 40mA at 95dB / 150mA at 98dB Colure: Red.</p> <p>7.Fire Rating:- 2A and 15B printed on Fire Extinguisher, Effective on : Class-A, Class-B and Electrically Started Fires, Gross CAN Weight 3.7 Kg, Empty CAE Weight 1.7 Kg, CAN Height 344MM , Diameter 108MM,Sheet metal thickness : 1.60 MM.</p> <p>8.The bidder must submit Material Safety Data Sheet for HFC 236 Gas.</p> <p>9.The Extinguisher must have controllable discharge mechanism to provide flexibility of releasing extinguishing agent on targeted fire location.</p> <p>10.Tamper-proof safety seal.</p> <p>11.Each vessel needs to be checked for tensile strength upto 35 kgf/cm2 and Manufacturer has to submit Hydrostatic pressure testing certificate for the same.</p> <p>12.The extinguishers should be pressurized using high grade Dry Nitrogen as per IS 1747 standard. OEM declaration should be submitted.</p> <p>13.Can Construction : Deep drawn & CO2 Mig welded</p> <p>14.Valve Construction : Forging & Machining</p> <p>15.Internal Coating of Can : Epoxy Powder coating,</p> <p>16.External Coating of Can : Epoxy Polyester Powder coating</p> <p>17.In-house Helium Leak Detection Testing is must to ensure maintenance of Stored Pressure in the cylinder over a period of 05 Years.</p> <p>18.Boiling point of Extinguishing agent should be -1.4C (29.5 F) @ 760 mm Hg.</p> <p>19.Vapor pressure should be 272.4 kPa @ 25 C (77 F)</p> <p>20.Melting point must be -98 C (-144 F)</p> <p>21.Freezing point must be -103 C (-153 F)</p> <p>22.Form must be Liquefied gas</p> <p>23.Specific gravity must be 1.370 gm/cc</p> <p>24.The firm must submit the valid product performance test report from NABL accredited Government Lab towards desired fire ratings.</p> <p>25.Warranty 60 Months</p> <p>26. Make : Visonic /LST/ Cease Fire/ Fire Force/ Everlux / Equivalent</p>			
10	<p>Supplying and Installation of Clean Agent Fire Extinguisher 4 Kg as per below technical specification.</p> <p>1.The Fire Extinguisher must based on Zero ODP.</p> <p>2.The bidder must submit Letter of Authorization from OEM for using Clean Agent (HFC 236) in Portable Fire Extinguisher.</p> <p>3.The Clean Agent (HFC 236) should be listed under EPA’s SNAP program, Underwriters Laboratories.</p> <p>4.The current and valid BIS certification IS 15683:2006 needs to be submitted along with offer.</p> <p>5.The Product should be EN Approved and CE marked. Valid certificate as on date needs to be submitted along with the bid.</p> <p>6. Insta Aram System with Housing 3mm/1/8" polycarbonate, Dimension: H-W-D 136X136X50 mm , Power Source:9V DC, Sounder output 95db-low / 98dB-high,Operating Cable 3mm galvanized steel, Alarm Current: 40mA at 95dB / 150mA at 98dB Colure: Red.</p> <p>7.Fire Rating:- 5A and 34B printed on Fire Extinguisher, Effective on : Class-A, Class-B and Electrically Started Fires, Gross CAN Weight 6.9 Kg, Empty CAE Weight 2.9 Kg, CAN Height 435MM , Diameter 140MM,Sheet metal thickness : 1.60 MM.</p> <p>8.The bidder must submit Material Safety Data Sheet for HFC 236 Gas.</p>	36		

	<p>9.The Extinguisher must have controllable discharge mechanism to provide flexibility of releasing extinguishing agent on targeted fire location.</p> <p>10.Tamper-proof safety seal.</p> <p>11.Each vessel needs to be checked for tensile strength upto 35 kgf/cm² and Manufacturer has to submit Hydrostatic pressure testing certificate for the same.</p> <p>12.The extinguishers should be pressurized using high grade Dry Nitrogen as per IS 1747 standard. OEM declaration should be submitted.</p> <p>13.Can Construction : Deep drawn & CO₂ Mig welded</p> <p>14.Valve Construction : Forging & Machining</p> <p>15.Internal Coating of Can : Epoxy Powder coating,</p> <p>16.External Coating of Can : Epoxy Polyester Powder coating</p> <p>17.In-house Helium Leak Detection Testing is must to ensure maintenance of Stored Pressure in the cylinder over a period of 05 Years.</p> <p>18.Boiling point of Extinguishing agent should be -1.4C (29.5 F) @ 760 mm Hg.</p> <p>19.Vapor pressure should be 272.4 kPa @ 25 C (77 F)</p> <p>20.Melting point must be -98 C (-144 F)</p> <p>21.Freezing point must be -103 C (-153 F)</p> <p>22.Form must be Liquefied gas</p> <p>23.Specific gravity must be 1.370 gm/cc</p> <p>24.The firm must submit the valid product performance test report from NABL accredited Government Lab towards desired fire ratings.</p> <p>25.Warranty 60 Months</p> <p>26. Make : Visonic /LST/ Cease Fire/ Fire Force/ Everlux / Equivalent</p>				
11	<p>Supplying and Installation of Automatic Ceiling Mounted Fire Extinguisher 10 Kg as per below technical specification.</p> <p>1.Base:- MAP-90 Ceiling Mounted Base</p> <p>2. Capacity :- 10 Kg</p> <p>3.Certification: ISO Certified</p> <p>4.Fire Extinguisher Test Certificate Pass with : Mass Spectrometer , Helium Leak Detection Tested & 24 Hour Leakage test.</p> <p>5.Body : Mild Steel Body</p> <p>6.Internal and External Coating of Can : Epoxy Polyester Powder coating</p> <p>7. State Of the Art Pressure Gauge: Magnetic Pressure made in Germany</p> <p>8. Discharge Mechanism: Auto discharge mechanism on temperature rise 68 Degree.</p> <p>9. Pressure Type :-Stored Pressure</p> <p>10. Discharge Time : Less than 10 Sec</p> <p>11.Effective on : Class-A, Class-B and Electrically Started Fires</p> <p>12.Gross CAN Weight 14.8 Kg</p> <p>13. Empty CAE Weight 4.8 Kg,</p> <p>14.CAN Height 320MM , Diameter 300MM</p> <p>15.Discharge Mechanism: Controllable discharge mechanism,</p> <p>16.Can Construction : Deep drawn & CO Mig welded</p> <p>17.Valve Construction : Forging & Machining</p> <p>18. Sheet metal thickness : 2.00 MM</p> <p>19.Warranty 60 Months</p> <p>20. Make : Visonic /LST/ Cease Fire/ Fire Force/ Everlux / Equivalent</p>	6			
12	<p>Supplying and Installation of Trolley base Powder Fire Extinguisher 50 Kg. as per below technical specification.</p> <p>1.Base:- M.A.P. with 90% concentration Trolley Base with 50 Kg capacity.</p> <p>2.Fire Extinguisher Test Certificate Pass with : ISO,ISI & CE Certificate.</p> <p>3.Certification: Party should supply BIS certification; Vendor is to be the manufacturer of item. IS 10658 marking , filled with Powder conforming to IS 14609, fitted with PESO approved Co₂ charge cartridge as per IS 7285 , CE Certification ,IS10658:1999 Certification and ISO Approved Certification</p>	9			

	<p>4. Threading of Seamless MS neck ring in accordance with class 'A' of IS 2643 or IS 4218 (Part 3) and filler opening shall not be less than 20 mm and the threaded length shall not be less than 16 mm. Siphon tube press fit type, soldering brazing or with suitable threads in accordance with IS 2643(part 2) or IS 4218 (part 3).</p> <p>5. Braided PVC Hose with 750mm length (min. 12 mm ID) shall have min. bursting pressure of 50Kg/cm².</p> <p>6. Painted with fire red shade no 536 or post office red shade no 538 conforming IS 5: 1978</p> <p>7. Extinguisher treated for anticorrosion, hydrostatic pressure test, leakage test and drop test.</p> <p>8. Marking shall conform to clause 10.2, IS 15683</p> <p>9. The product should be fitted with a magnetic gauge which would reassure the correct indication of inside pressure. The extinguisher should be fitted with an apparatus which would sound an alarm in case Fire Extinguisher is removed from its installed place.</p> <p>10. Fire Rating:- 55A & III B printed on Fire Extinguisher</p> <p>11. Effective on : Class-A, Class-B, Class-C and Electrically Started Fires</p> <p>12. Gross CAN Weight 125 Kg</p> <p>13. Empty CAE Weight 75 Kg,</p> <p>14. CAN Height 1190MM , Diameter 400MM</p> <p>15. Discharge Mechanism: Controllable discharge mechanism with long EPDM hose pipe.</p> <p>16. Can Construction : Deep drawn & CO Mig welded</p> <p>17. Valve Construction : Forging & Machining</p> <p>18. Internal and External Coating of Can : Epoxy Polyester Powder coating</p> <p>19. Sheet metal thickness : 5.00 MM</p> <p>20. Discharge Time and Range : less than 50 Sec & 8 Meters</p> <p>21. Warranty 12 Months</p> <p>22. Make : Visonic /LST/ Cease Fire/ Fire Force/ Everlux / Equivalent</p>			
13	<p>Supplying and Installation of Fire Suite as per below technical specification.</p> <p>1. Fire Suit:- Outer Shell PBI Gold, Moisture Barrier : FR nonwoven with Pumembrane, Heat Barrier : 2 layers of FR nonwoven, Inner Lining : Aramid / Viscose FR, Sewing Thread : 100% Aramid, Jacket with Radio Pocket, Anti wicking strips at the helm of the jacket, Throat Closure tab located under the collar, 3M Scotchlite 9687, 5 cm Width yellow silver yellow reflective tapes with Aramid backing (2 rows at hem and arms and 1 row at chest and back), 60 cm zipper on the front with quick release system, concealed by a storm flap, closes with FR Velcro fasteners, Pockets on front right and left with closing by FR Velcro fasteners, FR Velcro Fastener for Adjustment, Pieces under sleeves to increase movement capability, Para-Aramid knitted cuffs (can be attached to the thumbs), designed to prevent the liquids and burning particles to go in, Trousers 25 cm Front opening with a FR Velcro and single stud, Leg hems at least 26 cm, Elastic belts on both the right and left sides of the waist, Anti wicking strips at the leg hems of the trousers, Elastic and adjustable braces, Two rows of 3M scotchlite 9687, 5 cm width yellow silver yellow reflective tapes with aramid backing. Certificate:-EN 469 : 2005 Level 2 Certified, PBI gold Certified Manufacturer.</p> <p>2. Helmet : Chin belts with a clip, made of Nomex fabric, 22 mm wide with black leather cover., Switching plate, made of polyamide with glass fibre.leather cover., Retention belt equipped with a regulating system (54-62), made of polyamide and leather., The helmet conforms to all provisions of PN-EN 443:2008 norm, Gold plated visor with inner ocular shield, and inner face protector made of polycarbonate covered with hardening coat provide resistance to flame, chemicals and infra-red radiation, The shell of the helmet is made of polyester Kevlerglass laminate. It is smooth, without sharp folds, one size and different colours., Provision for torch with switch, and breathing apparatus with holder. Fully compatible with modern wireless communication sets, Shock-absorbing insert made of polyurethane foam, strengthened with an inner bowl, which provides maximum technical resistance, stroke-absorption and ergonomic comfort. Certification: PN-EN 443:2008 norm</p> <p>3. Gloves: Double face knitted, silicon bonded Kevlar palm, highly flexible, knuckle protector, waterproof and blood borne pathogen proof insert, washable at 30 Degree C.</p>	3		

	<p>4.Boots :Vulcanized Rubber Upper and Sole, Upper Construction with Flame retardant upper with heat insulation level 3 capabilities, Reinforced upper formulation with minimum thickness of 2.00MM, High Visibility black and yellow contrast, sole / heel : fuel oil resistance suitable for inimical environment, slip resistance vulcanized rubber sole conforms to EN 13287, excellent abrasion resistant for extra durability, tested to withstand 18KV live current (dry condition), Heel energy absorption design to minimize the impact to the heel, centered to enter high temperature with HRO performance, Multitasking performance with cold insulation protection. One pc stainless steel which exceeds EN ISO 20345 sole penetration and flexing test requirements to with stand pin and sharp objects, steel toe cap : Meets en ISO 20345 impact and compression tests. Reliable protection in cold and hot environment, Sole and upper – resistant towards mild acids and alkaline, Hypalon lacquer coating for weather protection. Certificate:- Conforms to EN 13287, EN ISO 20345,Meets en ISO 20345</p> <p>5.Warranty 60 months.</p> <p>6. Make : Visonic /LST/ Cease Fire/ Fire Force/ Everlux / Equivalent</p>				
14	<p>Supplying and Installation of Single Trolley as per below technical specification.</p> <p>1.Capacity: Fire Extinguisher Trolley to carry single extinguisher from 2Kg till 10Kg capacity,</p> <p>2. Certificate : ISO</p> <p>3 Photo luminescent signs to locate trolley in darkness,</p> <p>4.Powder coated rustproof body steel with polyester coated red colored</p> <p>5.Retractable handles for easy maneuverability with binding straps to hold the Fire Extinguishers</p> <p>6.Overall size 320mm x 290mm x 905mm</p> <p>7.Warranty 12 months.</p> <p>8. Make : Visonic /LST/ Cease Fire/ Fire Force/ Everlux / Equivalent</p>	22			
15	<p>Supplying and Installation of Escape Blanket set as per below technical specification.</p> <p>1.Fire Escape Blanket, Mild Steel Box size 425mm x 360mm 140mm, Epoxy powder coated to protect it from weathering,</p> <p>2.Smoke Hood :Tested to European Standard EN 403: 1993-S, Known to reduce Carbon monoxide, propenal (acrolein), hydrogen chloride, hydrogen cyanide and solid & 0 liquid toxic particles to manageable level for at least 15 minutes, shall withstand temperatures upto 80 Deg, Single Use only, Fire Blanket :Size: 1.2m x 1.8m, Used to cover any vessel containing the fire completely, Used to extinguish a clothing fire wrap blanket around victim.</p> <p>3.Warranty 12 months.</p> <p>4. Make : Visonic /LST/ Cease Fire/ Fire Force/ Everlux / Equivalent</p>	5			
16	<p>Supplying and Installation of Emergency Evacuation Signage's as per below technical specification.</p> <p>1.Photoluminescent rigid plastic 2 mm thickness, size 260X160 mm.</p> <p>2.Certification: DIN67510 and ISO16069</p> <p>3Brushed Stainless Steel, Transparent Acrylic Glass & Opaque Acrylic Glass Options available</p> <p>4. Material Used - Non Radioactive , non-phosphorous, non toxic and lead free</p> <p>5. Time after removing the light source (in minutes) : 60 minutes</p> <p>6. Luminescent intensity (milicandelas * per square meter – mcd/sqm) : 30 mcd/sqm</p> <p>7. Luminescent Intensity greater than 0.32 mcd/sqm</p> <p>8. Period of Light Decay* (In Minutes) : 3100 Minutes</p> <p>9. Printed on High Quality gloss paint with UV resistance.</p> <p>10.Warranty 60 months.</p> <p>11. Make : Visonic /LST/ Cease Fire/ Fire Force/ Everlux / Equivalent</p>	67			
17	<p>Supplying and Installation of Marking Strips Evacuation Signage's as per below technical specification.</p> <p>1. Photo luminescent rigid plastic, 2 mm thickness, Printed on High Quality gloss paint with UV resistance.</p> <p>2.Certification: DIN67510 and ISO16069</p> <p>3. Material Used - Non Radioactive , non-phosphorous, non toxic and lead free</p>	67			

	4. Time after removing the light source (in minutes) : 60 minutes				
	5. Luminescent intensity (milicandelas * per square meter – mcd/sqm) : 30 mcd/sqm				
	6. Luminescent Intensity greater than 0.32 mcd/sqm				
	7. Period of Light Decay* (In Minutes) : 3100 Minutes				
	8. Warranty 60 Months				
	9. Make : Visonic /LST/ Cease Fire/ Fire Force/ Everlux / Equivalent				
18	Supplying and Installation of 4 Core 2.5sq mm Armored Cable Providing and erecting XLPE(IS:7098)(I)-88 ISI armored cable multistoried Copper conductor for 1.1 KV to laid on wall with necessary lames or in exit sting trench/ pipe at road crossing or floor of following size of cables (A) 4 core 2.5sq mm	2550			
	Grand Total – “ A”				

Note :

1. The Rates quoted should be inclusive of all taxes, forwarding & packing, FOR delivery, successful installation & commissioning and training. L1 shall be arrived on the Grand Total-“ A” for supplying, installation & commissioning of products.
2. The Warranty/Guarantee for one year and free service clause to be clearly mentioned by the Manufacturer on their letter head. If the Authorized dealer is going to carry out the service then they have to furnish the authority letter given by the manufacturer to sale/service the specified product in this Territory.
3. Rates for *Non Comprehensive Maintenance Contract of Fire Safety Devices* for four year after installation of one year should be mentioned separately in the Financial Bid which will be at decision of the committee to considered for price evaluation. It should be clearly mentioned whether AMC /CMC will be done through company itself or its service franchise/dealers. In that case Manufacturing Company must give authority letter to such franchise/dealers on their letter head clearly mentioning free service period and AMC/CMC for period of four years.

Sr. No.	Non Comprehensive AMC Rate (including applicable taxes)	Executed by (manufacturers/authorized service dealers) Name and address to be specified here
1 st year		
2 nd year		
3 rd year		
4 th year		
Total Amount in Words:		

Note: Quoted AMC price not more than 10% cost of the system, otherwise offer will be out rightly rejected. The rates of Non Comprehensive Maintenance Contract price should be quoted in Indian Rupees only.

Signature of Suppliers/Dealers
With Rubber Stamp

Sd/-
(Dr. K. Y. Sultan)
Director
Medical & Health Services, Daman.