



## **DIRECTORATE GENERAL OF HOME GUARDS & CIVIL DEFENCE**

/\*NIT. ID No. 36988

Dated.

### **E-TENDER NOTICE**

For and behalf of the DG Home Guards and Civil Defence, E-Tender (on line tender) are invited for supply of Civil Defence Items for the Directorate General of Home Guards & Civil Defence Nishkam Sewa Bhawan, CTI Complex, Raja Garden, New Delhi-27. The NIT has been uploaded and available along with terms and condition and detailed specification. All the tenderers should apply online before the Last Date and Time.

Sl.NO.	Estimated Cost	Rs. 1000000 (Ten Lakh)
1.	Date of release of tender through e-procurement solution	11 /01/2011
2.	Last Date & Time for Downloading the tender	9.00 AM on 04/02 /2011
3.	Last Date/ Time of filing up of tender through e-procurement solution	11.00 AM on 04/02/2011
4.	Date & time of opening on Line Pre-Qualification bids	12.00 AM on 04/02/2011
5.	Date & Time of opening of on line Financial Bids	3.00 PM on 04 /02/2011
6.	Address where Bids will be opened	Directorate General of Home Guards & Civil Defence Nishkam Sewa Bhawan, CTI Complex, Raja Garden, New Delhi-27.
7.	Further information can be seen at	<a href="https://delhi.govtprocurement.com">https://delhi.govtprocurement.com</a>

<https://www.delhihomeguards.nic.in>

Prescribed tender form along with terms and conditions can be downloaded from <https://delhi.govtprocurement.com>

Tender document shall not be sold by the department. To participate in e-tender, the agency should have a Digital Signature and should be registered with Application Services Provider (ASP) of DG & D (C1 India Pvt.Ltd.) which is mandatory. For any assistance regarding e-tendering the intending tender may contact at Help Desk, Room No. 129, Level I, Delhi Secretariat, I.P.Estate, New Delhi-Ph: 011-23392722.

**(D.S. RAWAT)**  
**SSO(CD)/HOO**  
**Dated:**

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**Nishkam Sewa Bhawan ,CTI Complex ,Raja Garden New Delhi-27**  
**Phone No. – 011-25448148, Fax No. 011-25107058**  
**Email – dghome@nic.in**



# **DIRECTORATE GENERAL OF HOME GUARDS & CIVIL DEFENCE**

## **TO BE SUBMITTED ALONG WITH THE PRE-QUALIFICATION BID**

TENDER NOTIFICATION NO. -----

### **TENDER FORM**

To,

D.G.

Directorate General of Home Guards  
& Civil Defence Nishkam Sewa  
Bhawan, CTI Complex, Raja Garden  
New Delhi-27

Sir,

We the undersigned (herein after called as manufacturer/Contractor/Vendors/Suppliers) hereby offer to execute supply of items as per specification against which we have quoted our rates. Further, this tender may be accepted at the rates stated there in and subjected to the terms & conditions set forth in the Tender Document for such items, or, as may be ordered by the **Director General of Home Guards & Civil Defence Nishkam Sewa Bhawan, CTI Complex, Raja Garden New Delhi-27** or any other officer authorized by him.

Signature of Contractor: \_\_\_\_\_

Date: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

Email: \_\_\_\_\_

Place:

Date:

**SIGNATURE:**

**NAME:**

**SEAL OF THE TENDERER**

Nishkam Sewa Bhawan ,CTI Complex ,Raja Garden New Delhi-27

Phone No. – 011-25448148, Fax No. 011-25107058

Email – dghome@nic.in



## **DIRECTORATE GENERAL OF HOME GUARDS & CIVIL DEFENCE**

### **ON LINE E-TENDER FOR SUPPLY OF CIVIL DEFENCE ITEMS TO THE CD & HG DEPARTMENT**

#### **Annexure-'D'**

#### **PRE-QUALIFICATION BID**

S.I No.	<u>PARTICULARS</u>	<u>TO BE FILLED BY BIDDERS</u>
1.	NAME OF THE BIDDER	
2.	FULL OFFICE ADDRESS	
3.	PHONE NO. MOBILE NO. E-MAIL	
4.	TIN/VAT REGISTRATION NO. ISSUED BY COMPETENT AUTHORITY	
5.	PERMANENT ACCOUNT NUMBER (PAN.) ISSUED BY COMPETENT AUTHORITY	
6.	EMD OF RS. _____ IN THE FORM OF DD FROM _____ BANK. TOWARDS ANNEXURE/GROUP	
7.	EMD EXEMPTION CERTIFICATE, IF ANY.	
8.	WHETHER UNDERTAKING ATTACHED AS PER ANNEXURE 'B'	
9.	WHETHER DULY SIGNED AND STAMPED TERMS & CONDITIONS SUBMITTED	
10.	PERFORMANCE CERTIFICATE OF LAST TWO YEARS FROM THE H.G. & C.D. DEPARTMENT IN RESPECT OF THOSE BIDDERS WHO HAVE/ARE SUPPLYING MATERIAL IN THE H.G. & C.D DEPARTMENT.	

Signature & Stamp of Tenderer

Name of the Tenderer \_\_\_\_\_



## **DIRECTORATE GENERAL OF HOME GUARDS & CIVIL DEFENCE**

File No. TA:35:(48)/CD/2006/Pt

Dated.

The Director,  
Information and Publicity  
Govt. of Delhi,  
Block No.1, Old Secretariat,  
Delhi-110054.

**Subject: Publication of Tender Notice for supply of Civil Defence Items required for Directorate General of Home Guards & Civil Defence Nishkam Sewa Bhawan.CTI Complex, Raja Garden, New Delhi-27.**

1. Tender ID No.

<https://delhi.govtprocurement.com>

Sir,

I am to request that enclosed Notice Inviting Tender may please be got published in the font size of 7 in the following dailies on or before \_\_\_\_\_, under intimation to the undersigned. Necessary pre-receipted bills on this account may be made in the name of DG. Home Guards & Civil Defence Nishkam Sewa Bhawan, CTI Complex, Raja Garden, New Delhi-27 and send to this office for early payment.

1. Hindustan Times – English
2. NAV Bharat Times – Hindi

Yours faithfully,

(D.S. RAWAT)  
SSO (CD)/HOO  
Dated

Encl: - **Three Copies of Tender Notice in English & Hindi**



## **DIRECTORATE GENERAL OF HOME GUARDS & CIVIL DEFENCE**

### **AGREEMENT**

### **Annexure-C**

An agreement made on this \_\_\_\_\_ day of \_\_\_\_\_, 2011 between M/s. \_\_\_\_\_ (hereinafter called the 'Contractor' which expression shall, unless excluded by or repugnant to the context, be deemed to include his/ their heirs, executors, administrators, successors and assignees) on the One Part and the D.G.(H.G & C.D) or any person deputed by him for the purpose on behalf of D.G Home Guards & Civil Defence (hereinafter called the H.G & C.D. Department) which expression shall, unless excluded by or repugnant to the context, be deemed to include his successors in office and assignees) on the other part.

Whereas the H.G.& C.D Department has invited on line open tender for the supply of Civil Defence Items for H.G.& C.D. New Delhi during the year 2010-2011 and whereas the contractor submitted the tender which was accepted by the this Directorate.

And whereas the contractor, at the request of the H.G.&C.D. Department has agreed to supply the Civil Defence Items as detailed in the schedule written hereunder (hereinafter called "the said schedule") at the rates specified against each on the terms and conditions hereafter appearing .

### **NOW THESE PRESENT WITNESSES AND THE PARTIES HERE TO HEREBY AGREE AS FOLLOWS:**

1. That the contractor has agreed to supply the prescribed quality of Civil Defence Items as mentioned in the schedule.
2. That this agreement shall be valid for ONE MONTHS from the date of award of contract and the contractor has to supply materials during the contract period at the same rates, terms & conditions.
3. That the contractor shall deposit with this agreement a D.D of Rs. \_\_\_\_\_ only from the scheduled bank in favour of D.D.O. (Directorate General of Home Guards & Civil Defence) Delhi as Security Deposit calculated @ 7% of the total value of contract.
4. That the contractor shall supply the Civil Defence Items at this Directorate as per the directions/supply orders issued by this Directorate from time to time.
5. That the rates quoted by the contractor and accepted by the (H.G. & C.D.) Department are inclusive of packing, forwarding, freight, insurance, other taxes except VAT, which will be paid as applicable.
6. That the (H.G. & C.D.) Department would not be liable to pay any further charges towards any other expenditure incurred by the contractor and any fluctuations in the market and taxes are at the cost of supplier.
7. That it will be the responsibility of the contractor to supply Civil Defence Items as mentioned in the schedule as per the requirement of the HG & CD Department from time to time. The supply will be made on all working days up to 5.00 P.M. (Except Saturday, Sunday & other holidays) to the authorized officer of the HG & CD Department.
8. That the contractor shall satisfy himself of all matters affecting the delivery of the supplies. No extra charges incurred will be allowed as consequences of wrong delivery, misconstruing of terms and conditions of agreement or otherwise.
9. a)The contractor has to execute the supply of material/items by the due date of supply specified in supply order issued by the Department.



## **DIRECTORATE GENERAL OF HOME GUARDS & CIVIL DEFENCE**

- b) That if the contractor fails to supply as per above conditions, a penalty@ 2.5% of the value of the delayed supply per week shall be levied for the period till material is supplied by the contractor or risk purchase is made by the department, whichever is earlier. Any part of a week will be considered as a full week.
- c) That if the contractor fails to supply the material/items within the due date of supply as mentioned in para a) above, department will be entitled to purchase the items from the open market as Risk Purchase and the Contractor shall be liable to pay the differences between purchase price and quoted price, If any. This difference will be deducted from the pending bills of the contractor in accounts section of the HG & CD Department or/and will be adjusted against the security deposit lying in accounts section of the HG & CD Department. If, the amount of penalty is more than the Security deposit, department shall claim the balance amount from the contractor and the contractor shall pay the amount within a week.
- d) That the department shall have the right to cancel the contract with the contractor or to forfeit the security deposit or to debar/blacklist the contractor as deemed fit by the competent authority simultaneously on account of delay/non-supply/substandard supply of items.
10. That in case of any dispute regarding imposition of penalty or forfeiture of security /EMD amount / debar or black-listing of the firm, due to late / non-supply, sub-standard supply of items, the decision of the D.G. (H.G.& C.D.) or the person nominated by him, shall be final and binding on the contractor.
11. That, if the contractor gives wrong or incomplete information in their tender, department reserves the right to reject such bid at any stage or to cancel the contract, if awarded and forfeit the /"EMD"/ Security Deposit or to debar/blacklisting of the contractor.
12. That, if the contractor failed/backout from the contract/supply of material, the firm/contractor shall be liable to be debar/blacklisted as deemed fit by the competent authority, apart from the forfeiture of EMD/Security deposit, if any .
13. That the Contractor should note that while supplying the Civil Defence Items the specification as given in the requirement should be adhered to, payment shall only be made as per the specifications required and any incase there is a deviation, in the specifications, dimensions/ then that of what is required the same will be rejected .
14. That the contractor shall replace the Civil Defence Items on being found defective or, that of inferior quality at his cost with in 7 days. In case it is not replaced, this Directorate. will have recourse to risk purchase at the cost of supplier.
15. That the contractor shall intimate the this Department the name of the authorized representative who shall come to the (H.G.& C.D.) premises for execution of order.
16. The bills against supply submitted by the firm/ contractor in the office of the store officer (H.G& C.D) will be processed & released at the earliest. However. If, any amount of the bills is found by the Audit office to have been over paid, the amount found over paid shall be refundable by the firm/contractor.
17. That the amount of the security shall remain with the this Department for a period of 2 months beyond the completion of the Supply or 2 months after date of validity of contract period whichever is later. But the contractor shall not be entitled to any interest form the Department for retaining the security deposit.



## **DIRECTORATE GENERAL OF HOME GUARDS & CIVIL DEFENCE**

18. That all the powers exercisable, function to be discharged in terms and conditions and contents of this deed in relation to the this Department shall be exercised and discharged by the D.G.(H.G.&C.D.) Delhi or by other officer so specifically authorized by him on this behalf.
  19. That the stamp duty/other charges payable under the law, in respect of this Deed shall be borne by the contractor.
  20. That the quantity prescribed in the tender is tentative & can be increased or decreased by the Department, depending upon necessity/requirement. The supply will have to be made strictly as per the schedule given in supply order by the Department .
  21. That the this Department Authorities reserve the right to requisition the material in part or in full or as per the schedule and no requisition of one or more items in case there is no demand/budget/unforeseen security threats/law and other problems within any other extra ordinary situation. The transport cost will be borne by the supplier/contractor based on FOR at this Dte.
  22. That the contractor has to follow the timings of Department and follow the strict security guidelines wherever it is required. The unloading of Civil Defence Items will be the responsibility of the contractor.
  23. That in case any latent defects are detected in due course. The same has to be replaced at the cost of the supplier.
  24. That the contractor shall abide by the Terms & Conditions stipulated in the tender document.
  25.
    - i) That in case of any dispute arising out of the tender or any breach of agreement (except those decisions which are otherwise herein above provided for). The matter will first be referred by Department/Contractor to D.G, (H.G.& C.D.) for Arbitration. D.G. (H.G. & C.D.) reserves the right to appoint any person as arbitrator to sort out the dispute. The award of the arbitrator so appointed shall be final and binding on the contractor.
    - ii) That there will be no objection to any such appointment that the arbitrator so appointed is a (H.G & C.D.) Department Officer and that he had to deal with the matters to which this indenture relates and that in the course of his duties as such (H.G. & C.D.) Officer he had expressed view on all or any matters in disputes or differences.
  26. That all disputes are subject to the jurisdiction of Delhi Courts only.
- In WITNESS THERE OF, the parties herby have signed the Agreement Deed on the day. Month and year first herein above mentioned.

Signed and delivered by \_\_\_\_\_

For M/s. \_\_\_\_\_  
(Contractor)

### **SCHEDULE (ANNEXURE)**

#### **WINESES:**

- 1.
- 2.

**(D.S.RAWAT)**  
**SSO (CD)/HOO**





## **DIRECTORATE GENERAL OF HOME GUARDS & CIVIL DEFENCE**

### **1. ELIGIBILITY CRITERIA.**

- a. The agency/firm should have a valid (PAN) Permanent Account Number, issued by Competent Authority i.e. ITO.
- b. The agency/firm should also have a valid TIN Number issued by the Department of Trade & Taxes.
- c. The agency/any of its Directors/Partners etc. should have not been black listed by any Govt. organizations/Department or have been convicted for any offence by any court of law as on date (Provide an Undertaking in Annexure-'B')
- d. The tenders, which do not comply with the conditions, will be summarily rejected. Tenders received after the due date and specified time will also be summarily rejected.

### **2. PROCESS FOR SUBMISSION OF BID**

- (i) The tenderer may quote rates for Civil Defence Items as per specification mentioned in Annexure-'A'. No firm shall quote two rates of an item in the tender otherwise the tender of the firm shall be rejected straightaway.
- (ii) The Purchase Committee nominated by the department to assess eligibility will carry out evaluation of the Bids.
- (iii) Each Tender (**Pre-Qualification Bid**) must be accompanied by scanned copy of "E.M.D" as per Annexure "A". This amount should be in the form of Demand Draft in favour of D.D.O. Directorate General of Home Guards & Civil Defence Nishkam Sewa Bhawan, CTI Complex, Raja Garden, New Delhi-27. (**Pre-Qualification Bid**) without EMD & samples will be rejected straightaway.
- (iv) The rates should be quoted in Indian Rupees by the tenderer as per the format given on the e-procurement site. The finalized rate of this tender shall be valid for TWO MONTHS from the date of award of contract/Supply order. The rates should be quoted inclusive of packing, forwarding, freight, insurance; excise (if applicable) and all other taxes and duties, excluding Vat.VAT will be paid as applicable and to be mentioned clearly.
- (v) The bid submitted after the last date/time of filling up of tender stipulated in e-tender notice will not be accepted. The bids submitted by Telex/ Telegram/Facsimile/e-mail or any manner other than specified in this tender document through on line e-tender system shall not be considered. No correspondence shall be entertained on this matter from any vendors(s).
- (vi) The on line tender involves a two stage scrutiny.
- (A) **Pre-Qualification Bid** will contain the below mentioned documents. Without which the tender of the firm shall be rejected. No price shall be indicated in the **Pre-Qualification Bid**
  - (i) Earnest Money Deposit at the prescribed rates mentioned at Annexure 'A'.
  - (ii) EMD Exemption Certificate as per GFR, if applicable.
  - (iii) Signed and stamped undertaking on prescribed Performa enclosed as per Annexure-'B' on non judicial stamp paper worth Rs. 10/- duly attested by Public Notary.
  - (iv) Signed and stamped Terms & Conditions as mentioned in Tender Document.
  - (v) Self Attested copy of the PAN Number.
  - (vi) Copy of the sales tax Registration number/VAT allotted by state sales Tax Authorities and Central sales Tax number allotted by sales Tax Authorities.





## **DIRECTORATE GENERAL OF HOME GUARDS & CIVIL DEFENCE**

**THE COPIES OF ABOVE MENTIONED DOCUMENTS DULY SIGNED WITH SEAL OF THE TENDERER TO BE SCANNED IN E-PROCUREMENT SITE.**

EMD and above documents duly signed with seal of the tenderer should be reached physically in the Tender Box before 11:00A.M on the date of opening of Bids in the Directorate General of Home Guards & Civil Defence Nishkam Sewa Bhawan.CTI Complex, Raja Garden, New Delhi-27. If, these documents are physically not submitted as mentioned above. The bid will be summarily rejected.

- (B). **Financial Bid:-** Should be submitted in the prescribed preforma as per (Annexure-'A') on e-procurement site. Firstly Pre-Qualification Bid will be opened. Firms, which qualify in the Technical Bid, shall only be eligible for evaluation of Financial Bid.

- (i) Tender quoted fluctuating rate such as "this is prevalent market rates and rates shall be applicable at the time of delivery as per the market rates "shall be rejected outright. Conditional tenders shall be summarily rejected.

**3. EARNEST MONEY DEPOSIT (EMD)**

- (i) Earnest Money Deposit (E.M.D.) of Rs.40000(Rupees forty thousand only ) must be deposited in the form of D.D.from a schedule Bank in favour of D.D.O. Directorate General of Home Guards & Civil Defence Nishkam Sewa Bhawan.CTI Complex, Raja Garden, New Delhi-27.
- (ii) The exemption for depositing earnest money will only be allowed as per the provisions of the G.F.R for which exemption certificate must be attached with the tender.

- (iii) **EMD should reach physically in the "Tender Box" along with Annexure 'D' (Pre-Qualification Bid) as well as required documents duly attested by the bidder & its seal, be deposited, before 11.00 A.M. on the date of opening of Pre-Qualification Bid at the Directorate General of Home Guards & Civil Defence Nishkam Sewa Bhawan.CTI Complex, Raja Garden, New Delhi-27.**

- (iv) In case of the bidder whose tender is not short listed E.M.D. shall be returned after the approval of the recommendation of the Purchase Committee by the competent authority. No interest will be provided on EMD.

- (v) EMD will be refunded to the successful bidders on receipt of Performance Security and after entered into agreement with the DG Home Guards and Civil Defence.

- (vi) EMD Amount will not be converted/adjusted into Performance Security.

**4. PERIOD OF CONTRACT**

The contract shall held good for ONE MONTHS from the date of award of contract/supply order. However, the same can be further be extended up to next One months at the sole discretion of D.G.(HG & CD) and the contractor has to supply the Civil Defence Items in the extended period at the same rates, terms & conditions.

**5. PROCEDURE FOR EVALUATION OF BIDS**

- (i) A duly constituted Purchase Committee (PC) shall evaluate the Pre-Qualification Bid on the basis of document, clearly mentioned in the enclosed terms and conditions of this tender document and then evaluate the financial Bids on the basis of quoted rates and shortlist the tenderer for further processing.



## **DIRECTORATE GENERAL OF HOME GUARDS & CIVIL DEFENCE**

- (ii) Department reserves the right to reject any bid or the tender without assigning any reason. Department also reserves the right, at its own discretion, not to award any order under the present tender. The decision of department in this regard shall be final and no representation of any kind shall be entertained. Department shall not pay costs incurred towards preparation and submission of the bid or any other expenditure in this regard to the tenderer.
- (iii) The DG. (Directorate General of Home Guards & Civil Defence) Delhi reserves the right to accept the tender in whole or in part with respect to all the items quoted by the tenderers in Annexure-'A'.
- (iv) On acceptance of the bids of successful bidder it will become a contract after completing all the codal formalities and the tenderer shall be bound by the present terms and conditions as well as by the 'Agreement' entered into as per Annexure—'C' which will be signed by the tenderer within 07 days of the acceptance of tender.
- (v) In case of similarity of rates, preference will be given to those who deal with the product or the total quantity of supply will be equally distributed amongst the parties.
- (vi) Printed conditions mentioned in the Bid by the vendor shall not be binding on us.

### **6. AGREEMENT/CONTRACT**

Successful bidder shall have to enter into contract/ agreement etc. by formal signing by the both parties.

An agreement (copy enclosed as Annexure-'C') duly signed and stamped on stamp paper worth Rs.50/- shall have to be executed by the tenderer at his own expenses in the event of tender being accepted and same shall be submitted along with the security deposit within 07 days of the date of acceptance of Tender failing which Earnest Money Deposit will be forfeited.

### **7. PERFORMANCE SECURITY**

- (i) The Tenderer, whose tender is accepted will hereinafter be called the CONTRACTOR and shall deposit the amount of SECURITY at the rates mentioned below within 07 days of the date of acceptance of the tender.
- (ii) The Security Deposit would be 7% of total contract value of successful Bidders/ contractors.
- (iii) The contractor shall deposit the above Security amount in the form of D.D in favour of D.D.O. (Directorate General of Home Guards & Civil Defence) Delhi along with the agreement within 07 days after receiving of confirmation letter otherwise the EMD will be forfeited. The security deposit shall be kept for a period of Two months beyond the date of completion of all contractual obligations of the supplier or Two months after the date of validity of Tender which ever is later.
- (iv) The amount of security deposited shall be retained by the department for a period mentioned above for which no interest shall be paid to the supplier, as a safeguard against non-delivery, delay in delivery, any defect or lack of quality appearing in the articles which have been supplied, within this period, and will be returned to contractor on his furnishing the usual no demand certificate.



## **DIRECTORATE GENERAL OF HOME GUARDS & CIVIL DEFENCE**

### **8. MATERIAL EVALUATION**

- i) Supply of the Civil Defence Items should be made strictly conforming to the specifications as detailed in following paras.
- ii) a) The Tenderer should note that while supplying the Civil Defence Items, the specification/dimensions as given in the requirement should be adhered to. In case of any deviation in the specification / dimensions, payment shall only be made as per the specifications required.  
b) Accurate specification/measurement will be calculated of Civil Defence Items, variation, if any will not be accepted.
- iii) The contractor shall supply the Civil Defence Items to the best quality. The quality and quantity of the item will be checked by the Inspection committee of Directorate General of Home Guards & Civil Defence at the time of supply of the items. The decision of the Inspection committee as regards to the quality and kind of items (s) shall final and binding on the contractor.
- iv) If, the Director General of Home Guards & Civil Defence. Or any person deputed by him deems it necessary to change any article on its being found to be defective or of inferior quality after delivery. It shall be replaced by the contractor within 7 days to prevent inconvenience or delay and no extra charges will be allowed in such cases for replacement. In case, it is not replaced, The Department Authorities will have recourse to risk purchase at the cost of supplier.

### **9. SUCCESSFUL BIDDER:**

- i) contract shall be awarded to the lowest evaluated bidder who has been found to be responsive and who is eligible and qualified to perform the contract satisfactorily as per the terms & conditions incorporated in this tender document. However, in case the lowest acceptable bidder is not in a position to supply the full quantity required as per the supply order issued by the department, the remaining quantity as far as possible be ordered to the next higher responsive bidder at the rates offered by the lowest responsive bidder.
- ii) The department shall obtain the written consent/agreement of the next higher responsive bidder to supply at the approved rates of the lowest bidder, at the time of finalization of tender.

### **10. PAYMENT TERMS & CONDITIONS**

The firm shall submit the bills for payment in triplicate after completion of supply of a supply order to the satisfaction of the (H.G. & C.D.) Department. The payment at each stage will be released after deduction penalty amount, if, any or TDS/ Service Tax etc, if applicable. Payment will be made only after the (H.G. & C.D) Department is satisfied with the quality & quantity of supply as per specifications.

### **11. PENALTIES**

- 1) a) The contractor has to execute the supply of material/items by the due date of supply Specified in supply order issued by the Department.



## **DIRECTORATE GENERAL OF HOME GUARDS & CIVIL DEFENCE**

- b) If, the contractor fails to supply as per above condition, a penalty @ 2.5% of the value of the delayed supply per week shall be levied for the period till material is supplied by the contractor or risk purchase is made by the department, whichever is earlier. Any part of a week will be considered as a full week.
- c) If, the contractor fails to supply the material within the due date of supply as mentioned in para a) above, department will be entitled to purchase the items from the open market as risk purchase and the contractor shall be liable to pay the differences between purchase price and quoted price, if any. This difference will be deducted from the pending bills of the contractor in accounts section of the (H.G & C.D.) Department or/and will be adjusted against the security deposit lying in accounts section of the (H.G. & C.D.) Department. If, the amount of penalty is more than the security deposit, department shall claim the balance amount from the contractor and the contractor shall pay the amount within a week.
- d) The department shall have the right to cancel the contract with the contractor or to forfeit the security deposit or to debar/blacklist the contractor as deemed fit by the competent authority simultaneously on account of delay/non-supply/substandard supply of items.
- 2) In case of any dispute regarding imposition of penalty or forfeiture of security/ EMD amount/debar or black-listing of the firm, due to late/non-supply, sub-standard supply of items, the decision of the D.G. Home Guards & Civil Defence or the person nominated by him, shall be final and binding on the contractor.
- 3) If, a tenderer gives wrong or incomplete information in their tender, department reserves the right to reject such bid at any stage or to cancel the contract, if awarded and forfeit the "E.M.D"/ Security Deposit or to debar/blacklisting of the contractor.
- 4) If, any firm with whom contract/agreement has been executed, failed/back out from the contract/supply of material, shall be liable to be debar/blacklisted as deemed fit by the competent authority, apart from forfeiture of EMD/Security deposit, if any.
- 12. ARBITRATION**
- i) In case of any dispute arising out of the tender or any breach of agreement (except those decisions which are otherwise herein above provided for.) the matter will first be referred by Department/ Contractor to D.G. (Home Guards & Civil Defence.) for Arbitration. D.G. (Home Guards & Civil Defence.) reserves the right to appoint any person as arbitrator to sort out the dispute. The award of the arbitrator so appointed. shall be final and binding on the contractor.
- ii) There will be no objection to any such appointment that the arbitrator so appointed is a Home Guards & Civil Defence. Department Officer and that he had to deal with the matters to which this indenture relates and that in the course to his duties as such Govt Servant he had expressed view on all or any matters in disputes or differences.
- 13. (A) OTHER TERMS & CONDITIONS**
- Alteration in the Specifications:** The specifications issued with this form of tender must not be altered by the bidders.
- Incomplete Tenders:** Tenders will not be considered if complete information is not given at the time of tendering, or, if the particulars and data (if any) asked for in the Tender Notice, are not given.



## **DIRECTORATE GENERAL OF HOME GUARDS & CIVIL DEFENCE**

- (i) **Cancellation of Tender/Contract/ in Part or in Full, in case of Default in Contract/Supply:** If the Supplier, in the opinion of the Directorate, fails or neglects to comply with any of the terms & conditions forming part of the tender, the Head of Directorate, shall, without prejudice to any other right or remedies under the contract, has the right to cancel the contract/order by giving 15 days notice in writing to the Suppliers/Firms, without being liable to pay compensation for such cancellation.
- (ii) Tender shall be uploaded as per guidelines indicated in e-Procurement procedure displayed at the site: <https://delhi.govtprocurement.com>.
- (iii) Demonstration/Inspection of equipments will have to be arranged by the suppliers, at their cost, if so desired by the Directorate.
- (iv) **The supplier will have to agree for pre-dispatch inspection of the goods on receipt, and inspection after Supply of the items/equipment at this Directorate, if so desired/decided by the competent authority.**
- (v) **Service Manuals & A Certificate of warranty** will have to be provided along with the Items/Equipments
- (vi) **Default in After Sales Services:** In the event of any default and/or unsatisfactory after sales service by the supplier/tenderer/vendor/firm, the competent authority of the Directorate will be at liberty to repair/get the item repaired/serviced from other source/party at his/their cost.

### **13(B)**

- a) If a tenderer gives wrong or incomplete information in their tender, department reserves the right to reject such bid at any stage or to cancel the contract, if awarded and forfeit the EMD"/Security Deposit.
- b) The quantity prescribed in the tender is tentative & can be increased or decreased by the Department, depending upon necessity/requirement. The supply will have to be made strictly as per the schedule given in supply order by the this Department time to time.
- c) The supply be made at this Department up to 5.00 P.M. on working days/whenever required, in the presence of Storekeeper or any other person deputed by the Store Officer and the name of contractor or his any authorized agent, who will be responsible to keep the proper account should be made known to the Store Officer.





## **DIRECTORATE GENERAL OF HOME GUARDS & CIVIL DEFENCE**

d) That the contractor will ensure that none of his employees, including driver, cleaner, helper etc. carry prohibited articles like fire arms, explosives, explosive substances, sharp edge weapons, tobacco, drugs, narcotic substances, liquor, currency notes, biris, cigarettes etc. in case any item is caught, the concerned person will be held responsible and will be handed over to local police for prosecution and will entail cancellation of contract and also would be black-listed.

e) Canvassing in any form in connection with this tender is strictly prohibited and the tender submitted by the vendor who resorts to canvassing are liable for rejection.

f) The loading and unloading of the article including requisite labourer shall entirely be the responsibility of tenderer.

g) All the terms & Conditions for the supply, testing & acceptance of the payment terms, penalty clause etc. shall be as those mentioned herein. No change whatsoever in terms & Conditions shall be acceptable.

h) It will be the discretion of D.G. (Home Guards & Civil Defence.) or his representative to make enquiries in order to judge the suitability and the capacity to any particular firm/contractor and decision to enter into contract or otherwise would rest with the D.G. (Home Guards & Civil Defence.) finally. It will also be the discretion of D.G. (Home Guards & Civil Defence.) to award contract of any item to more than 1 firm in case it is necessary.

i) The bid should be in conformity with clauses mentioned in the tender document otherwise the bid shall be rejected. Tender once submitted shall be final and no amendment shall be permitted after the close of the bid.

j) The submission of a bid by a tenderer implied that he has read the entire tender Document and has made himself aware of the scope and specification of the work to be performed and of the local conditions and other factors which have a bearing on the execution of the work.

l) The acceptance of terms and condition of the tender are to be signed by the tenderer in the prescribed form at the end of the terms and conditions and also submit physically along with Pre-Qualification Bid .any other document which is not asked for will not be entertained by the department. Pre-Qualification Bid receive without the above acceptance shall be rejected.

m) All disputes are subject to the jurisdiction of Delhi Courts only.

**(D.S.RAWAT)**  
**SSO (CD)/ HEAD OF OFFICE**



## **DIRECTORATE GENERAL OF HOME GUARDS & CIVIL DEFENCE**

All the above terms and conditions mentioned in Tender Document are accepted by me/us. Demand Draft amounting to Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_) bearing No. \_\_\_\_\_ dated \_\_\_\_\_ Name of the Bank \_\_\_\_\_ for the items mentioned in Annexure-'A'(or as the case may be.) is attached.

**(Signature & Seal of the Tenderer)**





# **DIRECTORATE GENERAL OF HOME GUARDS & CIVIL DEFENCE**

**Annexure- 'B'**

## **UNDERTAKING**

**To**

**The D.G.  
Directorate General of Home Guards  
& Civil Defence Nishkam Sewa Bhawan,  
CTI Complex, Raja Garden New Delhi-27**

**Sir,**

1. I/We undertake that myself/ourselves /firm/company/any partners/Directors .  
have never been blacklisted by any Govt./Semi-/Govt. Department all over India.
2. I/We undertake that no criminal proceedings/enquiry is pending against me/us/firm/Company/any  
partner/Directors thereof.
3. I/We undertake that there is no personal/official dealings whatsoever with the officers/ officials of the  
HG & CD Department Delhi.

**Place:**

**Date:**

**SIGNATURE:**

**NAME:**

**SEAL OF THE TENDERER:**



## **DIRECTORATE GENERAL OF HOME GUARDS & CIVIL DEFENCE**

To,

**D.G.**

**Directorate General of Home Guards  
& Civil Defence Nishkam Sewa Bhawan,  
CTI Complex, Raja Garden New Delhi-27**

### **ONLINE E-TENDER FOR SUPPLY OF CIVIL DEFENCE ITEMS, TO DIRECTORATE GENERAL OF HOME GUARDS & CIVIL DEFENCE NISHKAM SEWA BHAWAN, CTI COMPLEX, RAJA GARDEN NEW DELHI-27**

**(Annexure-'A')**

#### **Financial Bid**

**E.M.D.Rs.40,000.00**

S No	Name Of Item	Quantity Required	Unit Cost (Rs.)	Other Charges (Rs.)	Total Cost (Rs.)
1.	<b><u>Reflective Jacket/Fluorescent Jackets Water Proof</u></b> <b><u>Specifications :</u></b> (i)Fluorescent colour jacket with 50mm glass bead type reflective tape in 2 vertical and 1 horizontal band in front and back same. Front opening and v neck design. (ii) <b><u>Background Fabric :-</u></b> 100% Polyester, 125 gsm made from bright glossy yarn, adhering to EN 471 standard. It shall have excellent colour fastness and should be uv treated. (iii) <b><u>Colours :-</u></b> Fluorescent reddish orange/fluorescent lime – yellow. (iv) <b><u>Reflective Tapes :-</u></b> Glass bead type reflective tape, EN 471 class 2 approved, 50 mm wide, colour of the reflective tape will be silver grey. <b><u>Accessories :</u></b> (i) <b><u>Binding :-</u></b> Binding will be black in colour. 100% polyester fabric will be used in binding with excellent colour fastening binding is 100% leak proof. (ii) <b><u>Velcro :-</u></b> Velcro shall be 25 mm wide and 50 mm in length positioned vertically for perfect fastening the colour of the Velcro will be black. Size : length : 27 inches and width 23 inches.	80 Nos.			



## **DIRECTORATE GENERAL OF HOME GUARDS & CIVIL DEFENCE**

2	<p><b><u>Fire Entry Suit</u></b> <b><u>Specifications :</u></b> The Fire Entry Suit is meant for momentary use in flame and should be capable of protecting the wearer from ambient heat, conductive heat and radiant heat.</p> <p><b><u>CONSTRUCTION OF FABRIC</u></b> It should be made by the texturised. Silica glass yarn that are twice as strong as steel wire of same diameter.</p> <p><b><u>HEAT/FLAMERESISTANCE CAPACITY</u></b> The Fire Entry Suit be capable of withstanding at least ambient heat of 800 degree Celsius. Radiant heat of 1600 degree Celsius and total flame of 1000 degree Celsius.</p> <p><b><u>HOOD</u></b> Designed to be used with air mask. Inner drape flame seals. Under arm adjustment straps. Built – in shell for structural support. Hard cap with ratchet headgear with adequate thermal protection and should provide view in fire station. Speedy clip for hard copy support. Hardened aluminum window frame with adequate thermal protection and should provide clear view in fire situation.</p> <p><b><u>COAT</u></b> Designed to be worn with breathing apparatus.</p> <p><b><u>PANT</u></b> High waist design 2-inch wide adjustable suspenders. Adjustable straps on leg bottoms.</p> <p><b><u>BOOTS</u></b> Designed to fit over work shoes. Rear entry with overlap snap closure and adjustable take up straps. Insulated wire reinforced sole for flame resistant.</p>	4 Nos.			
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## **DIRECTORATE GENERAL OF HOME GUARDS & CIVIL DEFENCE**

<p><b><u>APPROVAL</u></b></p> <p>(a) For the fabric used for the suit shall have one or more of following approvals.</p> <p>(b) Listed by underwriter laboratories UL 214</p> <p>(c) U.S. Coast Guards spec No. 164 009</p> <p>(d) U.S. Military Spec. MIL-C-0020079 H</p> <p>(e) U.S. Military Spec. MIL- 1 24244C</p> <p>(f) Meets or exceeds BFPA Spec. No. 701.</p> <p>(g)UL 723 FLAME SPREAD: 0 Smoke density : 0 Fuel contributed : 0</p> <p><b><u>NOTE TO TENDERER:</u></b></p> <p>1. The tenderer shall indicate the make/ model in their offer.</p> <p>2. The tenderer shall furnish the clause-by-clause compliance statement. In case there is any deviation the same should be clearly brought out in the offer.</p> <p>3. They shall mention the relevant certificate of the product offered.</p> <p>4. Technical manual comprising of servicing details shall be supplied with system.</p> <p>5. Relevant Test certificates shall be provided from a Govt. approved laboratory or from the manufacturer, along with their offer.</p>				
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## **DIRECTORATE GENERAL OF HOME GUARDS & CIVIL DEFENCE**

3.	<p><b><u>Medical First Responder Kits with box</u></b></p> <p><b><u>(a) BITE STICKS :</u></b></p> <p><b><u>Qualitative Requirements</u></b></p> <p>Material : Plastic</p> <p>Length : 6 inches</p> <p>Width : 0.5 to 0.75 inches</p> <p>Thickness 2-3 mm at one end tapering to 05mm at other end with Good grip</p> <p>Used to remove stings from epidermis of skin</p> <p><b><u>(b) CERVICAL COLLAR SHORT</u></b></p> <p><b><u>(AS PER IS : 11569)</u></b></p> <p>(i) Rigid cervical collar-extrication type</p> <p>(ii) Material: soft plastic rigid enough to avoid 70% of neck movement and lined inside with soft cushion.</p> <p>(iii) Padded chain rest for application by sweep technique.</p> <p>(iv) Colour coded and measure holes for easy identification and measurement of correct size.</p> <p>(v) Velcro for easy fixation.</p> <p>(vi) MRI/CT Scan compatible; radio lucent</p> <p>(vii) Tracheal access opening for advanced airway procedure;</p> <p>(viii) Rear panel opening for cervical spine palpation.</p> <p>(ix) Latex free and durable.</p> <p>(x) This size of finished c-collar should not be less than 4.5 cm when measurement as per prescribed procedure.</p> <p><b><u>COLLAR STIFF NECK REGULAR</u></b></p> <p><b><u>(As per IS : 11569)</u></b></p> <p>(i) Rigid cervical collar-extrication type</p> <p>(ii) Material : soft plastic rigid enough to avoid 70% of neck movement and lined inside with soft cushion.</p> <p>(iii) Padded chain rest for application by sweep technique.</p> <p>(iv) Colour coded and measure holes for easy identification and measurement of correct size.</p>	8 Nos.			
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## **DIRECTORATE GENERAL OF HOME GUARDS & CIVIL DEFENCE**

<p>(v) Velcro for easy fixation.</p> <p>(vi) MRI/CT Scan compatible; radiolucent.</p> <p>(vii) Tracheal access opening for advanced airway procedure;</p> <p>(viii) Rear panel opening for cervical spine palpation</p> <p>(ix) Later free and durable.</p> <p>(x) This size of finished c-collar should not be less than 6 cm when measurement as per prescribed procedure.</p> <p><b><u>COLLAR STIFF NECK (NO NECK)</u></b> <b><u>(As per IS: 11569)</u></b></p> <p>(i) Rigid cervical collar-extrication type</p> <p>(ii) Material : soft plastic rigid enough to avoid 70% of neck movement and lined inside with soft cushion.</p> <p>(iii) Padded chain rest for application by sweep technique.</p> <p>(iv) Colour coded and measure holes for easy identification and measurement of correct size.</p> <p>(v) Velcro for easy fixation.</p> <p>(vi) MRI/CT Scan compatible; radio lucent.</p> <p>(vii) Tracheal access opening for advanced airway procedure.</p> <p>(viii) Rear panel opening for cervical spine palpation.</p> <p>(ix) Latex free and durable.</p> <p>(x) The size of finished c-collar should not be less than 3 cm when measurement as per prescribed procedure.</p> <p><b><u>COLLAR STIFF NECK</u></b> <b><u>(PEDIATRICS) (As per IS: 11569)</u></b></p> <p>(i) Rigid cervical collar-extrication type</p> <p>(ii) Material : soft plastic rigid enough to avoid 70% of neck movement and lined inside with soft cushion.</p> <p>(iii) Padded chain rest for application by sweep technique.</p> <p>(iv) Colour coded and measure holes for easy identification and measurement of correct size.</p> <p>(v) Velcro for easy fixation.</p> <p>(vi) MRI/CT Scan compatible; radiolucent.</p>				
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**Nishkam Sewa Bhawan ,CTI Complex ,Raja Garden New Delhi-27**

**Phone No. – 011-25448148, Fax No. 011-25107058**

**Email – dghome@nic.in**



## **DIRECTORATE GENERAL OF HOME GUARDS & CIVIL DEFENCE**

<p>(vii) Tracheal access opening for advanced airway procedure.</p> <p>(viii) Rear panel opening for cervical spine palpation.</p> <p>(ix) Latex free and durable.</p> <p><b><u>COLLAR STIFF NECK TALL</u></b></p> <p><b><u>As per IS : 11569)</u></b></p> <p>(i) Rigid cervical collar-extrication type</p> <p>(ii) Material : soft plastic rigid enough to avoid 70% of neck movement and lined inside with soft cushion.</p> <p>(iii) Padded chain rest for application by sweep technique.</p> <p>(iv) Colour coded and measure holes for easy identification and measurement of correct size.</p> <p>(v) Velcro for easy fixation.</p> <p>(vi) MRI/CT Scan compatible; radiolucent.</p> <p>(vii) Tracheal access opening for advanced airway procedure;</p> <p>(viii) Rear panel opening for cervical spine palpation</p> <p>(ix) Later free and durable.</p> <p>(x) This size of finished c-collar should not be less than 10 cm when measurement as per prescribed procedure.</p> <p><b><u>(c)Gauze dressing Vaseline :</u></b></p> <p><b><u>Qualitative Requirement</u></b></p> <p>Non adherent dressing U.S.P. impregnated with U.S.P. white Petrolatum</p> <p>Size : 10 x 10</p> <p>Package : sterilized 10 pieces/pack</p> <p><b><u>(d)Dressing Multi trauma :</u></b></p> <p><b><u>Qualitative Requirement</u></b></p> <p>Size : 12"x3"</p> <p>Layers : of 16 ply of good absorbent quality gauze with cotton in between.</p> <p>Thickness : at least of 5 cm.</p> <p>Package : presterilized packs of 3 pieces/pack; ready to use</p> <p><b><u>(e)SPECIFICATION OF FLEXIBLE SPLINTS (SAMS SPLINTS)</u></b></p> <p><b><u>LARGE/MEDIUM/SMALL</u></b></p> <p>(i) Material light weight, radio lucent, moldable.</p> <p>(ii) Water Proof and body fluid poof.</p> <p>(iii) Portable light weight padded flexible splints of three sizes and reusable,</p>				
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<p>(iv) Standard and junior sets with all three sizes</p> <p>(v) Velcro strapped for easy application and removal</p> <p><b><u>(f) Restraints patient – one part</u></b></p> <p><b><u>Qualitative Requirement</u></b></p> <p>Material : Heavy duty seat belt webbing</p> <p>Length : 300 cm</p> <p>Width : 5 cm</p> <p>Locking mechanism : plastic/ steel snap</p> <p>Lock/ buckles (male and female ends)</p> <p>Package : in sets of 4</p> <p><b><u>(f) Restraints patient – two parts</u></b></p> <p><b><u>Qualitative Requirement</u></b></p> <p>Material : Heavy duty seat belt webbing</p> <p>Length : 450 cm</p> <p>Width : 5 cm</p> <p>Locking mechanism : dual side release buckles plastic/ steel snap</p> <p>Lock/ buckles (male and female ends)</p> <p>Package : in sets of 4</p> <p><b><u>(g) Roller bandages 6”</u></b></p> <p><b><u>Qualitative Requirement</u></b></p> <p>Dimensions : 15 cm x 5 meter length</p> <p>Gauze bandage of superior quality, cross net weaving fabricated from cotton fibers</p> <p>Sterilized packs</p> <p><b><u>(g) Roller bandages 3”</u></b></p> <p><b><u>Qualitative Requirement</u></b></p> <p>Dimensions : 7 cm x 5 meter length</p> <p>Gauze bandage of superior quality, cross net weaving fabricated from cotton fibers</p> <p>Sterilized packs</p> <p><b><u>(h) Triangular bandage 40” x 40”</u></b></p> <p><b><u>Qualitative Requirement</u></b></p> <p>Dimensions : 90x90x120cm size bandage</p> <p>Material : good quality calico material</p> <p><b><u>(i) Tape dermical cloth 1”</u></b></p> <p><b><u>Qualitative Requirement</u></b></p> <p>Dimensions : 2.5 cm x 9 meter</p> <p>Hypoallergenic surgical micro pore adhesive tap</p> <p><b><u>(j) Tape dermical cloth 2”</u></b></p> <p><b><u>Qualitative Requirement</u></b></p> <p>Dimensions : 5 cm x 9 meter</p> <p>Hypoallergenic surgical micro pore adhesive tap</p>				
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## **DIRECTORATE GENERAL OF HOME GUARDS & CIVIL DEFENCE**

<p>(k)<b><u>Gloves Latex – Medium :</u></b>  <b><u>Qualitative Requirement</u></b>  Size : Medium  Material : natural rubber Latex, single use disposable' powder free;  Sterilized sealed packs  Should meet emergency medical glove requirements of NFPA 1999 standard on protective clothing for emergency medical operations, 1997 edition.</p> <p>(k)<b><u>Gloves Latex – Large :</u></b>  <b><u>Qualitative Requirement</u></b>  Size : Large  Material : natural rubber Latex, single use disposable' powder free;  Sterilized sealed packs  Should meet emergency medical glove requirements of NFPA 1999 standard on protective clothing for emergency medical operations, 1997 edition.</p> <p>(k)<b><u>Gloves Latex – Extra large :</u></b>  <b><u>Qualitative Requirement</u></b>  Size : Extra large  Material : natural rubber Latex, single use disposable' powder free;  Sterilized sealed packs  Should meet emergency medical glove requirements of NFPA 1999 standard on protective clothing for emergency medical operations, 1997 edition.</p> <p>(l)<b><u>Triage Ribbon Green:</u></b>  <b><u>Qualitative Requirement</u></b>  Material : satin and color fast  Width : 2.5 cm  Length : 50 meters</p> <p>(l)<b><u>Triage Ribbon Red:</u></b>  <b><u>Qualitative Requirement</u></b>  Material : satin and color fast  Width : 2.5 cm  Length : 50 meters</p> <p>(l)<b><u>Triage Ribbon Black:</u></b>  <b><u>Qualitative Requirement</u></b>  Material : satin and color fast  Width : 2.5 cm  Length : 50 meters</p> <p>(l)<b><u>Triage Ribbon Yellow:</u></b>  <b><u>Qualitative Requirement</u></b>  Material : satin and color fast  Width : 2.5 cm  Length : 50 meters</p> <p>(m)<b><u>Mask Oxygen- Non Re breather (Adult):</u></b></p>				
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<p><b><u>Qualitative Requirement</u></b>  Size : Extra Large Material : transparent body of mask, soft plastic material with pre-Inflated cuff providing airtight cushion seal Package: single use, sterile packs Oxygen connecting tube: 3 meter length Mash straps attached for securing to patient and metal clip over Nose mask; masks should also have exhale port on either Side; one exhale port to have one way valve to prevent flow of Oxygen to atmosphere.  (m)<b><u>Face Mask Universal size:</u></b>  <b><u>Qualitative Requirement</u></b>  Size : Adult universal size Material: Disposable, single use layer filter face mask with nose clip; N95/HEPA Respirator type should have 2 straps one to secure above ear level and other below ear level. Package : in packets of 50/100; sterile.  (n)<b><u>Sponge Sterile: 4" x 4":</u></b>  <b><u>Qualitative Requirement</u></b>  Dimensions: 10 x 10 cm Material : 12 ply. good absorbent quality Package : packet of 4 swabs sterilized and ready to use packs Thickness : 1 to 1.5" Operating temperature of 0` C to 50` C and water resistance as per IEC 60529/en 60529 IP 44  (O)<b><u>Scissors para medical (Trauma Scissors) (As per IS-10445)</u></b>  <b><u>Qualitative Requirement</u></b>  Length 6" to 9", width 3 mm Stainless steel body Plastic unsheathed finger slots.  (p)<b><u>Oxygen Cannula - Nasal</u></b>  <b><u>Qualitative Requirement</u></b>  Oxygen delivery device compatible with oxygen regulator (light weight Material : soft transparent good quality plastic of 2-3 mm diameter Tube length: 3 meters Nasal prongs in closed loop which is adjustable and of ultra soft, Non-irritant pliable plastic and about 5-10 mm in length; Head straps (elastic and adjustable) for securing package: disposable sterilized individual packs should provide safe comfortable low flow oxygen in concentration of 24-44% with 1 to 6 litter flow per minute.</p>				
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## **DIRECTORATE GENERAL OF HOME GUARDS & CIVIL DEFENCE**

4.	<b><u>Acoustic Life Detector (Sanjeevani), Mark –I</u></b>	2 Nos.			
5.	<b><u>Acoustic Life Detector (Sanjeevani), Mark–V Specifications :</u></b> <ul style="list-style-type: none"><li>❖ The Sanjeevani – A Life detecting device designed to detect live human beings trapped under the debris of collapsed buildings or landslides during earthquake disaster, building/ structural collapse, bomb blast, terrorist attack etc.</li><li>❖ Very effective in detecting sound through air or through concrete or brick walls even when the source of sound is few meters away.</li><li>❖ The device consists of an acoustic sensor head assembly, an Electronic control unit (ECU) with waist mounted nylon belt and a standard head phone set.</li><li>❖ Can be used in dry as well as even in wet environmental conditions, and the user can continue searching for victims.</li><li>❖ Designed to have high performance, reliability and sensitivity for continuous field use in any environment.</li><li>❖ Very elegant design, light weight, easily portable and can be quickly set up in the field for use.</li><li>❖ Can detect low frequency acoustic signals like hitting, tapping, scratching or moaning sounds made by the victims.</li><li>❖ Provided with a LED display at the handle side to enable the operator to identify the victim's location by the acoustic signal strength, and also this helps to deploy the device even during night time for continuing the search operation.</li><li>❖ The probe head is about 40 mm in diameter, and is made flexible for easy insertion into the gaps between the rubbles to locate the victim.</li></ul>	2 Nos.			



## **DIRECTORATE GENERAL OF HOME GUARDS & CIVIL DEFENCE**

- ❖ Can detect victim's sound who are trapped under the debris at a distance of about 5 to 8 m from probe head below the debris.
- ❖ Provide with a head phone with desired volume control feature.

### **Technical Specifications :**

Model No.	Probe Length	Communication facility	Weight (Kg)
Mark I	2 Mtr. (Telescopic)	One way	1.950
Mark II	5 Mtr. (Extendable)	One way	2.700
Mark III	10 Mtr. (Extendable)	One way	3.750
Mark IV	5 Mtr. (Extendable)	Two way	2.700
Mark V	10 Mtr (Extendable)	Two way	3.750

### **Acoustic Sensor :**

Frequency range : 10 Hz to 6 KHz

Direction : Omni directional

Operating environment: -20 to +50 degree C

Sealing : water and dust proof

### **Electrical Sensor :**

Amplifier output : 500 mW (max)

Amplification level : 100 times

### **Battery :**

Power supply : 6V DC

(1.5V x 4 No of 'AA' type cells)

Continuous operating life: 8-10 Hrs. (max)

Type : Disposable



## **DIRECTORATE GENERAL OF HOME GUARDS & CIVIL DEFENCE**

6.	<p><b><u>Tarpaulin 4m x 4m</u></b>  <b><u>Qualitative Requirements</u></b>  a) Size : 4 meter x 4 meter b) Material :- Made of water proof canvas cloth, its edges should be secured by stitching a strip of similar cloth or otherwise of 1" width along the periphery of Tarpaulin. C) Colour :- Green/Navy blue <b><u>BIS Specification</u></b>  1. Basic fabric : shall be made from cotton duck or cotton canvas. 2. Common proofing shall be prepared with the ingredients consisting essentially of paraffin wax, a suitable pigment and aluminum stearate. 3. Resistance to microbial attack-The Material shall be rendered resistant to microbial attack treating with suitable rot-proofing agent. 4. Sweating test – The common proofed canvas/duck shall not stain the blotting paper when tested as prescribed. Braking strength not less than 90% of specified value prescribed for the basic fabric.</p>	4 Nos.			
7.	<p><b><u>LIFE JACKET</u></b>  <b><u>Qualitative Requirement</u></b>  GENERAL It should be useful in sea, in case of Floods, Safety measure for vessels &amp; Sea Mishaps. It should be chemically resistant to sea water and petroleum products. It special construction should allow quick turning time in case of being knocked unconscious. It should have Light that gets automatically activated when in contact with sea water/ petroleum products. The light should have an automatic electronic water activation system and is capable to work between – 1 degree to + 30 degree C.  <b><u>TECHNICAL SPECIFICATIONS</u></b> The inner foam should be made of soft polyurethane foam. It should have high visibility orange colour fabric, which enhances visibility. The Retro-Reflective Tape should be approved having floatability : at least 15.5 kilos, size 80 x 37 x 10 cms approx.  <b><u>TESTING</u></b> It should be prototype. Tested i.e. Temperature cycling test, Drop Test, Oil Resistance Test, Fire Test, Floatation Test, Strength Test. It should be 24 hrs. water immersion tested. It should be performance Tested. <b><u>APPROVAL</u></b> Life Jacket &amp; Light should be MMD approval &amp; Stamped individually.</p>	20 Nos.			

**(D.S. RAWAT)**  
**SSO(CD)/HEAD OF OFFICE**