

SECTION-I	PRESS NOTICE	
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NOTICE INVITING e-TENDERS

The Assistant Engineer (Civil-II), PGIMER Chandigarh invites on behalf of the Director PGIMER Chandigarh **online percentage rate bids** from Specialized agencies dealing in similar type of jobs on two bid system (Eligibility Bid & Financial Bid) for the following work:-

NIT No.: PGI/Engg/Civil-II/2026/39_____, **Name of Work:** Providing and Installation of Fire Extinguishers in Rotary Sarai at Sector-12, PGIMER, Chandigarh). **Estimated Cost: Rs.0.72 Lacs, Earnest Money: Rs.1440/-, Period of Completion:** One Month, **Last date and time of submission of bid:** _____ upto _____AM/PM, Last date & time for submission of Original EMD or EMD exemption certificate for MSM/MSME:_____ upto _____ AM/PM, **Date and time of opening of Eligibility bid:** _____ at _____ AM/PM, **Date and time of opening of Financial bid:** To be declared later on.

The Original EMD or EMD exemption certificate for MSE/MSME firm registered in NSIC under PP policy (are exempted from payment of EMD for goods and services only) as scanned & uploaded shall be deposited physically by all the intending bidders in the office of H.E. (Civil-II) as per above schedule failing which the bid shall be treated as invalid.


The tender forms and other details can be obtained from the website www.eprocure.gov.in/eprocure/app and official website of the PGIMER www.pgimer.edu.in. Press notice is also available on www.eprocure.gov.in. The contractors are requested to get their firm registered on the website www.eprocure.gov.in/eprocure/app for participating in e-tendering process. (Helpdesk no. for registration- 0172-2755862 & 9988447883

A.E. (Civil-II)
PGI, Chandigarh.

SECTION-II	CHECK LIST	
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CHECK LIST FOR CONTRACTORS FOR SUBMISSION OF TENDERS ONLINE:

1. THE CONTRACTOR MUST UPLOAD THE NECESSARY DOCUMENTS AS MENTIONED IN LIST OF DOCUMENTS TO BE SCANNED AND UPLOADED WITHIN THE PERIOD OF BID SUBMISSION AT PAGE 9 OF BID DOCUMENTS.
2. IF ANY DISCREPANCY IS NOTICED BETWEEN UPLOADED EMD AT THE TIME OF SUBMISSION OF BID AND ORIGINAL EMD SUBMITTED PHYSICALLY BY THE BIDDERS IN THE OFFICE OF BID OPENING AUTHORITY, THE BID SUBMITTED SHALL BECOME INVALID.
3. TENDER TO BE WITNESSED AT SPECIFIED PAGE OF TENDERED DOCUMENTS AT THE TIME OF DRAWING AGREEMENT WITH THE SUCCESSFUL BIDDER
4. THE TENDER / TENDERS CONTAINING CONDITIONS CONTRARY TO THOSE SPECIFIED IN THIS DOCUMENT SHALL BE SUMMARILY REJECTED.
5. THE INTENDING BIDDER SHALL QUOTE HIS PERCENTAGE RATES IN FIGURE ONLY. THE RATES IN WORDS, AMOUNT OF EACH ITEM AND THE TOTAL IS GENERATED AUTOMATICALLY. THEREFORE, THE RATE QUOTED BY THE BIDDER IN FIGURES IS TO BE TAKEN AS CORRECT.
6. THE CONTRACTOR(S) SHALL QUOTE THE PERCENTAGE RATES KEEPING IN MIND, GENERAL CONDITIONS OF CONTRACT FOR CPWD WORKS 2023 ALONGWITH AMENDMENT UPLOADED ON THE WEBSITE OF PGIMER, SPECIAL CONDITIONS OF CONTRACT ETC.
7. IT MAY BE NOTED THAT IN THE PRESENT CONTRACT CLAUSE 10A, 10B (i), 10CA & 10CC IS NOT APPLICABLE. .
8. ONCE THE BID UPLOADED BY THE BIDDER IS WITHDRAWN, HE WILL NOT BE ALLOWED TO RESUBMIT HIS BID, HOWEVER, HE CAN EDIT HIS BID ANY NUMBER OF TIMES BUT BEFORE LAST DATE & TIME OF SUBMISSION OF BID.

<u>SECTION-III</u>	<u>Form- 6 FOR</u> <u>e TENDERING</u>	
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1. Percentage rate bids are invited on behalf of the Director, PGIMER, Chandigarh from the Specialized agencies dealing in similar type of jobs for the work of **"Providing and Installation of Fire Extinguishers in Rotary Sarai at Sector-12, PGIMER, Chandigarh."**

1.1 The work is estimated to cost **Rs. 072 Lacs**. This estimate, however, is given merely as a rough guide.

1.2 Contractors who fulfill the following requirements shall be eligible to apply. Joint ventures are not accepted

1.2.1 Intending bidders is eligible to submit the bid provided he has definite proof from the appropriate authority, which shall be to the satisfaction of the competent authority, of having satisfactorily completed similar works of magnitude specified below:-

Three similar works each costing not less than **Rs.029 lacs** OR two similar works each costing not less than **Rs.0.43 lacs** OR one similar work costing not less than **Rs.0.58 lacs** in last 7 years ending last day of month previous to the one in which tender are invited (**Similar work shall mean civil works**)

(The completion certificate should be certified by an officer not below the rank of executive engineer/Project Manager/General manager of a firm/owner for whom the work is executed (if private work are shown in support of eligibility, certified copy of the tax deducted at source certificate (TDS) shall be submitted along with the experience certificate and the TDS amount shall tally with the actual amount of work done)

The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum; calculated from the date of completion to last date of receipt of applications for bids.

1.2.2 **To become eligible, the bidders shall have to furnish an affidavit as under:-**

(a) I/We undertake and confirm that eligible similar works(s) has/have not been got executed through another contractor on back to back basis. Further that, if such a violation comes to the notice of Department, then I/we shall be debarred for bidding in PGI in future forever. Also, if such a violation comes to the notice of Department before date of start of work, the Engineer-in-Charge shall be free to forfeit the entire amount of Earnest Money Deposit /Performance Guarantee. **(Scanned copy to be uploaded at the time of submission of bid).**

(b) I/we have not been blacklisted/debarred in any Govt. Deptt's/Boards/Corporations/Autonomous Bodies in any State/Central Government Departments etc. as on the date of submission of the bid in the present tender.

(c) That the deponent hereby undertakes that he/she Director's /partner(s) of the proprietor/firm/company/ agency have never been convicted of any criminal offence.

(d) That I/we also undertake that the particulars given by me are true and correct to the best of my Knowledge and belief and nothing has been concealed thereof . I am aware that in case of any discrepancy/ false statement if found; it will lead to rejection of my bid/ tender and the PGIMER will debar/ blacklist the proprietorship firm/ company/ agency.

Affidavit prior to the date of public of e-tender notice shall not be considered.

1.2.3 The bidders should have Certificate of Registration for GST.

1.2.4 It is presumed that all the bidders who have submitted the bid have gone through the entire bid documents including integrity pact and that all the terms & conditions are acceptable to them.

2. Agreement shall be drawn with the successful bidders on CPWD General Conditions of Contract 2023 which is available with the concerned Hospital Engineer and official website of the Institute <http://pgimer.edu.in>. and the bidders shall quote his rates as per various terms and conditions of the said form subject to the exclusions / modifications attached at page 24 alongwith amendments uploaded on the official website of the Institute which will form part of the agreement.
3. The time allowed for carrying out the work will be **15 DAYS** from the date of start as defined in Schedule-F or from the first date of handing over of the site, whichever is later, in accordance with the phasing, if any, indicated in the bid documents.
4. (i) The site for the work is available.
(ii) The architectural and structural drawing for the work is available.
5. The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents except Standard General Conditions of Contract Form can be seen on website www.eprocure.gov.in and official website of the PGIMER [www. pgimer.edu.in](http://www.pgimer.edu.in) free of cost.
6. After submission of the bid the contractor can re-submit revised bid any number of times but before last time and date of submission of bid as notified.
7. While submitting the revised bid, contractor can revise the rate of one or more item(s) any number of times (he need not re-enter rate of all the items) but before last time and date of submission of bid as notified.
8. When bids are invited in three stage system and if it is desired to submit revised financial bid then it shall be mandatory to submit revised financial bid. If not submitted then the bid submitted earlier shall become invalid.
9. Earnest Money in the form of Demand Draft or Pay order or Banker's Cheque or Deposit at Call Receipt or Fixed Deposit Receipt (drawn in favour of **Postgraduate Institute of Medical Education and Research, Chandigarh**) shall be scanned and uploaded to the e-Tendering website within the period of bid submission.

A part of earnest money is acceptable in the form of bank guarantee also. In such case, minimum 50% of earnest money or Rs. 20 lac, whichever is less, shall have to be deposited in shape prescribed above, and balance may be deposited in shape of Bank Guarantee of any scheduled bank having validity for six months or more from the last date of receipt of bids which is to be scanned and uploaded by the intending bidders.

The Original EMD or EMD exemption certificate for MSE/MSME firm registered in NSIC under PP policy (are exempted from payment of EMD for goods and services only) as scanned & uploaded shall be deposited physically by all the intending bidders in the office of A.E. (Civil-II) as per above schedule failing which the bid shall be treated as invalid.

Online bid documents submitted by intending bidders shall be opened only of those bidders, who has deposited Earnest Money Deposit and other documents scanned and uploaded are found in order.

Copy of Enlistment Order and certificate of work experience and other documents as specified in the press notice shall be scanned and uploaded to the e-Tendering website within the period of bid submission. However, certified copy of all the scanned and uploaded documents as specified in press notice shall have to be submitted by the lowest bidder within a week physically in the office of tender opening authority.

The bid submitted shall be opened on _____ at _____ AM/PM


10. The contractor whose tender is accepted, will be required to furnish performance guarantee of 5% (Five Percent) of the tendered amount within the period specified in Schedule F. This guarantee shall be in the form of Deposit at Call receipt of any scheduled bank/Banker's cheque of any scheduled bank/Demand Draft of any scheduled bank/Pay order of any scheduled bank (in case guarantee amount is less than Rs. 1,00,000/-) or Government Securities or Fixed Deposit Receipts or Guarantee Bonds of any Scheduled Bank or the State Bank of India in accordance with the prescribed form. In case the contractor fails to deposit the said performance guarantee within the period as indicated in Schedule 'F' including the extended period if any, the Earnest Money deposited by the contractor shall be forfeited automatically without any notice to the contractor. The Earnest Money deposited along with tender shall be returned after receiving the aforesaid performance guarantee.
11. The description of the work is as follows:
“Providing and Installation of Fire Extinguishers in Rotary Sarai at Sector-12, PGIMER, Chandigarh”

Intending Bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their bids as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their bid. A bidders shall be Deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. The bidders shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a bid by a bidders implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tools and plant, etc. will be issued to him by the Government and local conditions and other factors having a bearing on the execution of the work.
12. The competent authority on behalf of the Director PGIMER does not bind itself to accept the lowest or any other bid and reserves to itself the authority to reject any or all the bids received without the assignment of any reason. All bids in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the bidders shall be summarily rejected.
13. Canvassing whether directly or indirectly, in connection with bidders is strictly prohibited and the bids submitted by the contractors who resort to canvassing will be liable for rejection.
14. The competent authority on behalf of the Director PGIMER reserves to himself the right of accepting the whole or any part of the bid and the bidders shall be bound to perform the same at the rate quoted.
15. The contractor shall not be permitted to bid for works in the Institute's Engineering Department (responsible for award and execution of contracts) in which his near relative is posted as Divisional Accountant or as an officer in any capacity between the grades of Superintending Hospital Engineer and Junior Engineer (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any gazetted officer in the Institute's Engineering Department. Any breach of this condition by the contractor would render him liable to be removed from the approved list of contractors of this Department.
16. No Engineer or other officers employed in Engineering or Administrative duties in Engineering Department of the Institute is allowed to work as a contractor for a period of one year after his retirement from Institute's service without the previous permission of the competent authority in writing. This contract is liable to be cancelled if either the contractor or any of his employees is

found at any time to be such a person who had not obtained the permission of the competent authority as aforesaid before submission of the tender or engagement in the contractor's service.

17. The bid for the works shall remain open for acceptance for a period of Seventy Five (75) days from the date of opening of bids. If any bidder withdraws his tender before the said period or issue of letter of acceptance, whichever is earlier, or makes any modifications in the terms and conditions of the bid which are not acceptable to the department, then the Institute shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid. Further the bidders shall not be allowed to participate in the rebidding process of the work.
18. This Notice inviting bid shall form a part of the contract document. The successful bidder/contractor, on an acceptance of his bid by the Accepting Authority, shall within 15 days from the stipulated date of start of the work sign the contract consisting of:
 - a) The Notice Inviting Bid, all the documents including additional conditions, specifications and drawings etc., if any, forming the tender as issued at the time of invitation of bid and acceptance thereof together with any correspondence leading thereto.
 - b) Standard Form 7/8 or other Standard Form as applicable.
19. **For Composite Bids (Not Applicable)**
20. All the payments to the contractor shall be deposited in their bank account through RTGS and the contractor shall submit the detail of his bank account & IFSC code after award of work.
21. In case, date for opening of Eligibility / Financial bid is declared/happens to be public holiday, the Eligibility / Financial bid will be opened on the next working day.
22. The contractor shall comply to the "Solid Waste Management Byelaws 2018" & "Construction & Demolition Rules 2016". Any penalty imposed by the competent authority on account of non-compliance of these provisions, if not deposited in time by the contractor, would be recovered from the payment due to the contractor,

A.E. (Civil-II)
PGI, Chandigarh.

<u>SECTION-IV</u>	INFORMATION AND INSTRUCTIONS FOR BIDDERS	
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INFORMATION AND INSTRUCTIONS FOR BIDDERS FOR E-TENDERING FORMING PART OF BID DOCUMENT

The Assistant Engineer (Civil-II), PGIMER Chandigarh on behalf of the Director PGIMER Chandigarh invites **online percentage rate bids** from the Specialized agencies dealing in similar type of jobs on two bid system for the following work:-

1.	NIT No.	PGI/Engg/Civil-II/ 2026/39_____
2.	Name of work & Location	Providing and Installation of Fire Extinguishers in Rotary Sarai at Sector-12, PGIMER, Chandigarh
3.	Estimated cost put to bid	Rs.072 Lacs
4.	Earnest Money	Rs.1440/-
5.	Period of Completion	15 DAYS
6.	Last date & time of submission of bid, EMD, and other documents as specified in the press notice	_____ upto _____ AM/PM
7.	Last date & time of submission of Original EMD/ MSME as scanned uploaded.	_____ upto _____ AM/PM
8.	Date & Time of opening of Eligibility bid	_____ at _____ AM/PM
9.	Date & Time of opening of price bid	_____ at _____ AM/PM

1. Contractors who fulfill the following requirements shall be eligible to apply. Joint ventures are not accepted
 - a) Should have satisfactorily completed the works as mentioned below during the last Seven years ending previous day of last date of submission of bids.

Three similar works each costing not less than **Rs.029 Lacs** or two similar works each costing not less than **Rs.043 Lacs** one similar work costing not less than **Rs.058 Lacs** in last 7 years ending last day of month previous to the one in which tender are invited (**Similar work shall mean Civil Works**)

(The completion certificate should be certified by an officer not below the rank of executive engineer/Project Manager/General manager of a firm/owner for whom the work is executed(if private work are shown in support of eligibility, certified copy of the tax deducted at source certificate (TDS) shall be submitted along with the experience certificate and the TDS amount shall tally with the actual amount of work done)

The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum; calculated from the date of completion to last date of receipt of applications for bids.

2. The intending bidder must read the terms and conditions of Form-6 carefully. He should only submit his bid if he consider himself eligible and he is in possession of all the documents required.
3. Information and Instructions for bidders posted on website shall form of bid document.
4. The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other

necessary documents can be seen and downloaded from the website: www.eprocure.gov.in/eprocure/app and official website of the PGIMER www.pgimer.edu.in. free of cost.

5. But the bid can only be submitted after uploading the mandatory scanned documents such as Demand Draft or Pay order or Banker`s Cheque or Deposit at call Receipt or Fixed Deposit Receipts and Bank Guarantee of any Scheduled Bank towards EMD in favour of **Postgraduate Institute of Medical Education and Research, Chandigarh** and other documents as specified.
6. Those contractors not registered on the website mentioned above, are required to get registered beforehand. If needed they can be imparted training on online bidding process as per details available on the website.
7. The intending bidder must have valid class-III digital signature to submit the bid.
8. On opening date, the contractor can login and see the bid opening process. After opening of bids he will receive the competitor bid sheets.
9. Contractor can upload documents in the form of **JPG** format and **PDF** format.
10. Contractor must ensure to quote rate of each item. The column meant for quoting rate in figures appears in pink colour and the moment rate is entered, it turns sky blue. In addition to this, while selecting any of the cells a warning appears that if any cell is left blank the same shall be treated as "**0**". Therefore, if any cell is left blank and no rate is quoted by the bidder, rate of such item shall be treated as "**0**" (**ZERO**).
11. The Eligibility bid shall be opened first on due date and time as mentioned above. The time and date of opening of financial bid of contractors qualifying the eligibility bid shall be communicated to them at a later date.
12. The agency shall submit the status of his firm w.r.t. proprietary firm / partnership firm or Limited company as per detail given below:-

If the bidder is a proprietary firm, a self undertaking of the proprietorship shall be uploaded by the bidder.

If the bidder is a firm in partnership, the bid documents shall be signed by all the partners of the firm above their full typewritten names and current addresses, or, alternatively, by a partner holding power of attorney for the firm. In the later case a certified copy of the power of attorney should be uploaded. In both cases a certified copy of the partnership deed and current address of all the partners of the firm should also be uploaded.


If the bidder is a limited company or a corporation, the bid documents shall be signed by a duly authorized person holding power of attorney for signing the bid documents accompanied by a copy of the power of attorney / Authorization Letter. The bidder should also furnish a copy of the Memorandum of Articles of Association duly attested by a Public Notary.

LIST OF DOCUMENTS TO BE SCANNED AND UPLOADED WITHIN THE PERIOD OF BID SUBMISSION:

- I. The Original EMD or EMD exemption certificate for MSE/MSME firms registered in NSIC under PP policy are exempted from payment of EMD for Good and services only as per detail/given in Clause no. 9 at page 4 of the DNIT.
- II. Certificates of Work Experience as per detail given in Clause no. 1.2.1 at page 3 of the DNIT.
- III. Affidavit as per detail given in Clause no. 1.2.2 at page 3 of the DNIT.
- IV. Certificate of Registration for GST.
- V. Status of firm as per detail given in Clause no. 12 at page 8 of the DNIT

**A.E. (Civil-II)
PGI, Chandigarh.**

Form- 7/8

SECTION-V	TENDER AND CONTRACT	
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Percentage Rate Tender & Contract For Works

Tender for the work of “**Providing and Installation of Fire Extinguishers in Rotary Sarai at Sector-12, PGIMER, Chandigarh.**”

- i. To be submitted online - _____ upto _____ AM/PM
- ii. Original EMD or EMD exemption certificate for MSE/MSME
to be submitted Physically: _____ upto _____ AM/PM
- iii. Eligibility Bid To be opened online - _____ at _____ AM/PM
- iv. Financial Bid to be opened online – To be declared later on.

TENDER

I/we have read and examined the notice inviting tender, schedule A,B,C,D,E & F specifications applicable, Drawings and Designs, General Rules and Directions, conditions of Contract, clauses of contract, special conditions, additional terms & conditions & specifications, schedule of rate and other documents and rules referred to in the conditions of contract and all other contents in the tender documents for the work .

I/we hereby tender for the execution of the work specified for the Institute within the time specified in schedule ‘F’ viz. schedule of quantities and in accordance in all respects with the specifications, designs, drawings and instructions in writing referred to in Rule-1 of general rules and Directions and in Clause 11 of the conditions of contract and with such materials as are provided for, by, and in respects in accordance with, such conditions so far as applicable.

I/we agree to keep the tender open for 75 days from the due date of its opening and not to make any modifications in its terms and conditions.

A sum of **Rs.1440/-** is hereby forwarded in the shape of deposit at call receipt of a scheduled bank/ demand draft of a scheduled bank/ Fixed deposit receipt of scheduled bank in favour of the **Postgraduate Institute of Medical Education and Research, Chandigarh** payable at Chandigarh as earnest money. If I/We, fail to furnish the prescribed performance guarantee within prescribed period. I/We agree that the said the Director, PGIMER or his successors, in office shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely. Further, if I/We fail to commence work as specified, I/We agree that Director PGIMER or the successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said earnest money and the performance guarantee absolutely. The said performance guarantee shall be a guarantee to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to therein and to carryout such deviation as may be ordered upto maximum of the percentage mentioned in Schedule-F and those in excess of that limit at the rates to be determined in accordance with the provision contained in Clause 12.2 and 12.3 of the tender form. Further, I/We agree that in case of forfeiture of Earnest Money & Performance Guarantee as aforesaid, I/We shall be debarred for participation in the re-tendering process of the work.

I/We undertake and confirm that eligible similar work(s) has/have not been got executed through another contractor on back to back basis. Further that, if such a violation comes to the notice of Department, then I/We shall be debarred for tendering in PGI in future forever. Also, if such a violation comes to the notice of Department before date of start of work, the Engineer-in-Charge shall be free to forfeit the entire amount of Earnest Money Deposit/Performance Guarantee.

I/We hereby declare that I/We shall treat the tender documents drawings and other records connected with the work as secret/confidential documents and shall not communicate information/derived there from to any person other than a person to whom I/We am/are authorized to communicate the same or use the information in any manner prejudicial to the safety of the Institute.

Dated:-	Signature of Contractor
	Postal Address:
Witness:	
Address:	Telephone No.:
	Fax No.:
Occupation:	E-Mail.:


ACCEPTANCE

The above tender (as modified by you as provided in the letters mentioned hereunder) is accepted by me for and on behalf of the Institute for a sum of Rs. _____

The letters referred to below shall form part of this contract agreement:

- i) _____
- ii) _____
- iii) _____

Dated _____

SECTION-VI	INTEGRITY PACT	
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To,

.....,

Sub: NIT No. PGI/Engg/Civil-II/2026/___for the work “Providing and Installation of Fire Extinguishers in Rotary Sarai at Sector-12, PGIMER, Chandigarh.”

Dear Sir,

It is here by declared that PGIMER, CHANDIGARH is committed to follow the principle of transparency, equity and competitiveness in public procurement.

The subject Notice Inviting Tender (NIT) is an invitation to offer made on the condition that the Bidder will sign the integrity Agreement, which is an integral part of tender/bid documents, failing which the tenderer/bidder will stand disqualified from the tendering process and the bid of the bidder would be summarily rejected.

This declaration shall form part and parcel of the Integrity Agreement and signing of the same shall be deemed as acceptance and signing of the Integrity Agreement on behalf of the Institute.

Yours faithfully

To,

Assistant Engineer (Civil-II),
.....
.....

Sub: Submission of Tender for the work of **“Providing and Installation of Fire Extinguishers in Rotary Sarai at Sector-12, PGIMER, Chandigarh.”**

Dear Sir,

I/We acknowledge that PGIMER, CHANDIGARH is committed to follow the principles thereof as enumerated in the Integrity Agreement enclosed with the tender/bid document.

I/We agree that the Notice Inviting Tender (NIT) is an invitation to offer made on the condition that I/We will sign the enclosed integrity Agreement, which is an integral part of tender documents, failing which I/We will stand disqualified from the tendering process.

I/We acknowledge that THE MAKING OF THE BID SHALL BE REGARDED AS AN UNCONDITIONAL AND ABSOLUTE ACCEPTANCE of this condition of the NIT. I/We confirm acceptance and compliance with the Integrity Agreement in letter and spirit and further agree that execution of the said Integrity Agreement shall be separate and distinct from the main contract, which will come into existence when tender/bid is finally accepted by PGIMER, CHANDIGARH. I/We acknowledge and accept the duration of the Integrity Agreement, which shall be in the line with Article 1 of the enclosed Integrity Agreement.

I/We acknowledge that in the event of my/our failure to sign and accept the Integrity Agreement, while submitting the tender/bid, PGIMER, CHANDIGARH shall have unqualified, absolute and unfettered right to disqualify the tenderer/bidder and reject the tender/bid in accordance with terms and conditions of the tender/bid.

Yours faithfully

(Duly authorized signatory of the Bidder)

To be signed by the bidder and same signatory competent / authorized to sign the relevant contract on behalf of Institute.

INTEGRITY AGREEMENT

This Integrity Agreement is made at on this day of20..... **BETWEEN** Director PGIMER, Chandigarh represented through Hospital Engineer, (Civil-II), PGIMER, Chandigarh (Hereinafter referred as the (Address of Division) ‘**Principal/Owner**’, which expression shall unless repugnant to the meaning or context hereof include its successors and permitted assigns)

AND

..... (Name and Address of the Individual/firm/Company) through (Hereinafter referred to as the (Details of duly authorized signatory) ‘**Bidder/Contractor**’ and which expression shall unless repugnant to the meaning or context hereof include its successors and permitted assigns) **Preamble** WHEREAS the Principal / Owner has floated the Tender (NIT No.....) (hereinafter referred to as ‘**Tender/Bid**’) and intends to award, under laid down organizational procedure, contract for (Name of work) hereinafter referred to as the ‘**Contract**’.

AND WHEREAS the Principal/Owner values full compliance with all relevant laws of the land, rules, regulations, economic use of resources and of fairness/transparency in its relation with its Bidder(s) and Contractor(s).

AND WHEREAS to meet the purpose aforesaid both the parties have agreed to enter into this Integrity Agreement (hereinafter referred to as ‘**Integrity Pact**’ or ‘**Pact**’), the terms and conditions of which shall also be read as integral part and parcel of the Tender/Bid documents and Contract between the parties.

NOW, THEREFORE, in consideration of mutual covenants contained in this Pact, the parties hereby agree as follows and this Pact witnesses as under:

Article 1: Commitment of the Principal/Owner

1) The Principal/Owner commits itself to take all measures necessary to prevent corruption and to observe the following principles:

(a) No employee of the Principal/Owner, personally or through any of his/her family members, will in connection with the Tender, or the execution of the Contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.

(b) The Principal/Owner will, during the Tender process, treat all Bidder(s) with equity and reason. The Principal/Owner will, in particular, before and during the Tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential / additional information through which the Bidder(s) could obtain an advantage in relation to the Tender process or the Contract execution.

(c) The Principal/Owner shall endeavour to exclude from the Tender process any person, whose conduct in the past has been of biased nature.

2) If the Principal/Owner obtains information on the conduct of any of its employees which is a criminal offence under the Indian Penal code (IPC)/Prevention of Corruption Act, 1988 (PC Act) or is in violation of the principles herein mentioned or if there be a substantive suspicion in this regard, the Principal/Owner will inform the Chief Vigilance Officer and in addition can also initiate disciplinary actions as per its internal laid down policies and procedures.

Article 2: Commitment of the Bidder(s)/Contractor(s)

1) It is required that each Bidder/Contractor (including their respective officers, employees and agents) adhere to the highest ethical standards, and report to the Institute all suspected acts of fraud or corruption or Coercion or Collusion of which it has knowledge or becomes aware, during the tendering process and throughout the negotiation or award of a contract.

2) The Bidder(s)/Contractor(s) commits himself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the Tender process and during the Contract execution:

a) The Bidder(s)/Contractor(s) will not, directly or through any other person or firm, offer, promise or give to any of the Principal/Owner's employees involved in the Tender process or execution of the Contract or to any third person any material or other benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the Tender process or during the execution of the Contract.

b) The Bidder(s)/Contractor(s) will not enter with other Bidder(s) into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to cartelize in the bidding process.

c) The Bidder(s)/Contractor(s) will not commit any offence under the relevant IPC/PC Act. Further the Bidder(s)/Contract(s) will not use improperly, (for the purpose of competition or personal gain), or pass on to others, any information or documents provided by the Principal/Owner as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.

d) The Bidder(s)/Contractor(s) of foreign origin shall disclose the names and addresses of agents/representatives in India, if any. Similarly Bidder(s)/Contractor(s) of Indian Nationality shall disclose names and addresses of foreign agents/representatives, if any. Either the Indian agent on behalf of the foreign principal or the foreign principal directly could bid in a tender but not both. Further, in cases where an agent participate in a tender on behalf of one manufacturer, he shall not be allowed to quote on behalf of another manufacturer along with the first manufacturer in a subsequent/parallel tender for the same item.

d) The Bidder(s)/Contractor(s) will, when presenting his bid, disclose (with each tender as per proforma enclosed) any and all payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the Contract.

3) The Bidder(s)/Contractor(s) will not instigate third persons to omit offences outlined above or be an accessory to such offences.

4) The Bidder(s)/Contractor(s) will not, directly or through any other person or firm indulge in fraudulent practice means a willful misrepresentation or omission of facts or submission of fake/forged documents in order to induce public official to act in reliance thereof, with the purpose of obtaining unjust advantage by or causing damage to justified interest of others and/or to influence the procurement process to the detriment of the Institute interests.

5) The Bidder(s)/Contractor(s) will not, directly or through any other person or firm use Coercive Practices (means the act of obtaining something, compelling an action or influencing a decision through intimidation, threat or the use of force directly or indirectly, where potential or actual injury may befall upon a person, his/ her reputation or property to influence their participation in the tendering process).

Article 3: Consequences of Breach

Without prejudice to any rights that may be available to the Principal/Owner under law or the Contract or its established policies and laid down procedures, the Principal/Owner shall have the following rights in case of breach of this Integrity Pact by the Bidder(s)/Contractor(s) and the Bidder/ Contractor accepts and undertakes to respect and uphold the Principal/Owner's absolute right:

1) If the Bidder(s)/Contractor(s), either before award or during execution of Contract has committed a transgression through a violation of Article 2 above or in any other form, such as to put his reliability or credibility in question, the Principal/Owner after giving 14 days notice to the contractor shall have powers to disqualify the Bidder(s)/Contractor(s) from the Tender process or terminate/determine the Contract, if already executed or exclude the Bidder/Contractor from future contract award processes.

The imposition and duration of the exclusion will be determined by the severity of transgression and determined by the Principal/Owner. Such exclusion may be forever or for a limited period as decided by the Principal/Owner.

2) Forfeiture of EMD/Performance Guarantee/Security Deposit: If the Principal/Owner has disqualified the Bidder(s) from the Tender process prior to the award of the Contract or terminated/determined the Contract or has accrued the right to terminate/determine the Contract according to Article 3(1), the Principal/Owner apart from exercising any legal rights that may have accrued to the Principal/Owner, may in its considered opinion forfeit the entire amount of Earnest Money Deposit, Performance Guarantee and Security Deposit of the Bidder/Contractor.

3) Criminal Liability: If the Principal/Owner obtains knowledge of conduct of a Bidder or Contractor, or of an employee or a representative or an associate of a Bidder or Contractor which constitutes corruption within the meaning of Indian Penal code (IPC)/Prevention of Corruption Act, or if the Principal/Owner has substantive suspicion in this regard, the Principal/Owner will inform the same to law enforcing agencies for further investigation.

Article 4: Previous Transgression

1) The Bidder declares that no previous transgressions occurred in the last 5 years with any other Company in any country confirming to the anticorruption approach or with Central Government or State Government or any other Central/State Public Sector Enterprises in India that could justify his exclusion from the Tender process.

2) If the Bidder makes incorrect statement on this subject, he can be disqualified from the Tender process or action can be taken for banning of business dealings/ holiday listing of the Bidder/Contractor as deemed fit by the Principal/ Owner.

3) If the Bidder/Contractor can prove that he has resorted / recouped the damage caused by him and has installed a suitable corruption prevention system, the Principal/Owner may, at its own discretion, revoke the exclusion prematurely.

Article 5: Equal Treatment of all Bidders/Contractors/ Subcontractors

1) The Bidder(s)/Contractor(s) undertake(s) to demand from all subcontractors a commitment in conformity with this Integrity Pact. The Bidder/Contractor shall be responsible for any violation(s) of the principles laid down in this agreement/Pact by any of its Subcontractors/ sub-vendors.

2) The Principal/Owner will enter into Pacts on identical terms as this one with all Bidders and Contractors.

3) The Principal/Owner will disqualify Bidders, who do not submit, the duly signed Pact between the Principal/Owner and the bidder, along with the Tender or violate its provisions at any stage of the Tender process, from the Tender process.

Article 6- Duration of the Pact

This Pact begins when both the parties have legally signed it. It expires **for** the Contractor/Vendor 12 months after the completion of work under the contract or till the continuation of defect liability period, whichever is more and for all other bidders, till the Contract has been awarded. If any claim is made/lodged during the time, the same shall be binding and continue to be valid despite the lapse of this Pacts as specified above, unless it is discharged/determined by the Competent Authority of PGIMER, Chandigarh.

Article 7- Other Provisions

1) This Pact is subject to Indian Law, place of performance and jurisdiction is the Chandigarh.

2) Changes and supplements need to be made in writing. Side agreements have not been made.

3) If the Contractor is a partnership or a consortium, this Pact must be signed by all the partners or by one or more partner holding power of attorney signed by all partners and consortium members. In case of a Company, the Pact must be signed by a representative duly authorized by board resolution.

4) Should one or several provisions of this Pact turn out to be invalid; the remainder of this Pact remains valid. In this case, the parties will strive to come to an agreement to their original intensions.

5) It is agreed term and condition that any dispute or difference arising between the parties with regard to the terms of this Integrity Agreement / Pact, any action taken by the Owner/Principal in accordance with this Integrity Agreement/ Pact or interpretation thereof shall not be subject to arbitration.

Article 8- LEGAL AND PRIOR RIGHTS

All rights and remedies of the parties hereto shall be in addition to all the other legal rights and remedies belonging to such parties under the Contract and/or law and the same shall be deemed to be cumulative and not alternative to such legal rights and remedies aforesaid. For the sake of brevity, both the Parties agree that this Integrity Pact will have precedence over the Tender/Contact documents with regard any of the provisions covered under this Integrity Pact.

IN WITNESS WHEREOF the parties have signed and executed this Integrity Pact at the place and date first above mentioned in the presence of following witnesses:

.....
(For and on behalf of Principal/Owner)

.....
(For and on behalf of Bidder/Contractor)


WITNESSES:

1.
(signature, name and address)

2.
(signature, name and address)

Place:

Dated :

SECTION-VII	PROFORMA OF SCHEDULE A TO F	
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SCHEDULE 'A'

Schedule of quantities attached at page no. 33 of DNIT.

SCHEDULE 'B'

Schedule of material to be issued to the contractor

Sr. No.	Description of item	Quantity	Rate in figure and words at which the material will be charged to the contractor.	Place of Issue.
NOT APPLICABLE				

SCHEDULE 'C'

Tools and plants to be hired to the contractor.

Sr. No.	Description	Hire charges per day	Place of issue
NOT APPLICABLE			

SCHEDULE 'D'

Extra schedule for specific requirements / documents for the work, if any:

As mentioned in tender documents

SCHEDULE 'E'

Reference to General Conditions of contract.

General Condition of Contract for CPWD Works 2023 for Maintenance works uploaded on the website of the Institute.

Name of Work :

Providing and Installation of Fire Extinguishers in Rotary Sarai at Sector-12, PGIMER, Chandigarh.”

Estimated cost of work :

Rs.0.72 Lakh

Earnest Money :

Rs.1440/-

(to be returned after receiving Performance guarantee)

Performance Guarantee :

5% of tendered value

Security Deposit :

2.5% of the tendered value

SCHEDULE 'F'**GENERAL CONDITION OF CONTRACT****Officer inviting tender****A.E. (Civil-II)****GENERAL RULES & DIRECTIONS**

Maximum percentage for quantity of items of work to be executed beyond which rates are to be determined in accordance with Clauses 12.2 & 12.3:

See below**Definitions:**

2 (v)	Engineer- in- charge	Hospital Engineer (Civil-II) PGIMER, Chandigarh.
2 (ix)	Accepting Authority	Assistant Engineer (Civil-II) PGIMER, Chandigarh.
2 (xi)	Percentage on cost of material and labour to cover all overheads and profits	15%
2 (xii)	Standard Schedule of Rates	DSR 2023
2 (xiii)	Department	P.G.I.M.E.R., CHANDIGARH
9 (ii)	Standard contract Form	Form-7/8, CPWD General Conditions of Contract 2023 for Construction works uploaded on the website of the Institute.
Clause 1		
(i)	Time allowed for submission of Performance Guarantee, Programme Chart (Time and Progress) and applicable labour licenses registration with EPFO, ESIC and BOCW Welfare Board or proof of applying thereof from the date of issue of letter of acceptance.	15 days
(ii)	Maximum allowable extension with late fee @ 0.1 % per day of performance guarantee amount beyond the period provided in (i) above	07 days
Clause 2		
	Authority for fixing compensation under clause-2	Superintending Hospital Engineer, PGIMER, Chandigarh
	Whether clause 2A shall be applicable	Not Applicable

Clause 5 Number of days from the date of issue of letter of acceptance for reckoning date of start= 15 days
Mile stones(s) as per table given below:-

S.No.	Description of Milestone (Physical)	Time allowed in days (from date of start)	Amount to be withheld in case of non achievement of milestone
1.	25% of tendered value	1/4 th of total time	In the event of not achieving the necessary progress as assessed from the running payment, 1.25% of the tendered value of work will be withheld for failure of each milestone from Sl No 1 to 4. Maximum amount to be with held shall not exceed 5% of tendered value of work.
2.	50% of tendered value	1/2 of total time	
3.	75% of tendered value	3/4 th of total time	
4.	100% of tendered value	Full time	

Time allowed for execution of work, One Month

Authority to decide:

- (i) Extension of time : **Assistant Engineer/ Hospital Engineer / Superintending Hospital Engineer (As applicable)**
- (ii) Rescheduling of mile stones : **Superintending Hospital Engineer or his successor**
- (iii) Shifting of date of start in case of delay in handing over of site: **Superintending Hospital Engineer**

Clause 7 **Gross work to be done together with net payment /adjustment of advances for material collected, if any, since the last such payment for being eligible to interim payment** **Rs. 0.72 Lacs**

Clause 10A List of equipments to be provided by the contractor at site lab.
1.....2..... NOT APPLICABLE
3.....4.....
5.....6.....

10B(i) Whether Clause 10 B (ii) shall be applicable (Not Applicable)

Clause 10C Component of labour expressed as percent of value of work = 25 %

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Clause 18 List of mandatory machinery, tools & plants to be deployed by the contractor at site/ manufacturing unit:-.
(NOT APPLICABLE)

Clause 19 C
Clause 19 D
Clause 19 G
Clause 19 K

**Authority to decide penalty for each Default :- Hospital Engineer(Civil-II),
PGIMER, Chandigarh.**

Clause 25			
(i)	Conciliator	Director, Chandigarh.	PGI,
(ii)	Arbitrator Appointing Authority	Director, Chandigarh.	PGI,
(iii)	Place of Arbitration	Chandigarh.	

Clause 32 Requirement of Technical Representative(s) and recovery Rate

S.No.	Minimum Qualification of Technical Representative	Discipline	Designation (Principal Technical/ Technical Representative)	Minimum Experience	Number	Rate at which recovery shall be made from the contractor in the event of not fulfilling provision of clause 36(i)	
						Figures	Words
1.	Graduate Engineer OR Diploma Holder	Civil	(Project Manager cum Planning/Quality Site/ billing Engineer)	2 Years OR 5 Years	01 OR 01	Rs. 15,000/- P/month	Rs. Fifteen thousand only P/month

Assistant Engineers retired from Government services that are holding Diploma will be treated at par with Graduate Engineers

Diploma holder with minimum 10 year relevant experience with a reputed construction co. can be treated at par with Graduate Engineers for the purpose of such deployment subject to the condition that such diploma holders should not exceed 50% of requirement of degree engineers.


Clause 42


- | | | |
|----------------|--|---|
| (i) (a) | Schedule/statement for determining theoretical quantity of cement & bitumen | Delhi Schedule of Rates 2023 |
| (ii) | Variations permissible on theoretical quantities:
(a) Cement | |
| | For works with estimated cost put to tender not more than Rs. 5 lakh. | 3% plus/minus. |
| | For works with estimated cost put to tender more than Rs.5 lakh. | 2% plus/minus. |
| (iii) | Bitumen for all works | 2.5 % Plus only and NIL on minus side. |
| (iv) | Steel reinforcement and structural steel sections for each diameter, section and category | 2% Plus/minus |
| (v) | All other materials | NIL |

Recovery rates for quantities beyond permissible variation

Sr. No.	Description of Item	Rates in figures and words at which recovery shall be made from the contractor	
		Excess beyond permissible variation	Less use beyond the permissible variation.
1.	Cement	-----NIL-----	Market rate + 10%
2.	Steel	-----NIL-----	Market rate + 10%

A.E.(C-II)

SECTION-VIII	EXCLUSIONS / MODIFICATIONS IN CPWD GENERAL CONDITIONS OF CONTRACT 2023 (MAINTENANCE WORKS)		
Clause No. & Page No. of CPWD GCC 2023	Exclusions / Modifications		
<u>CONDITIONS OF CONTRACT</u>			
i) Clause 2 (iv), Page 9	The word President / President of India and his successors wherever appears shall be read as the Director, PGIMER and his successors.		
ii) Clause 2 (v), Page 9	The word Government or Government of India wherever appears shall be read as PGIMER, Chandigarh.		
iii) Clause 2 (vi), Page 9	The Engineer-in-charge means the Hospital Engineer (Civil-II) who shall supervise and be Incharge of the work and who shall sign the contract on behalf of the Director, PGIMER as mentioned in Schedule 'F' hereunder.		
iv) Clause 2 (xi), Page 10	Department shall mean Director, PGIMER or any Division of PGIMER which invites tenders on behalf of Institute as specified in the Schedule 'F'.		
<u>CLAUSES OF CONTRACT</u>			
v) Clause 9, Page 24	The following provisions under this clause are not applicable:- If the final bill is submitted by the contractor within the period specified above and payment of final bills is made by the deptt. after prescribed time limit, a simple interest @ 5 % per annum shall be paid to the contractor from the date of expiry of prescribed time limit which will be compounded on yearly basis, provided the final bill submitted by the contractor is found to be in order.		
vi) Clause 30, Page 47	The following provisions are also added in this clause: ii) The Engineer-in-Charge shall make alternative arrangements for supply of water at the risk and cost of contractor(s) if the arrangements made by the contractor(s) for procurement of water are in the opinion of the Engineer-in- Charge, unsatisfactory. In such case, water charges @ 1.5 % shall be recovered on gross amount of the work done. The contractor shall take water connection from source of Municipal Corporation, Chandigarh / Chandigarh Administration at his own cost. He will pay the bills raised by concerned department regularly. However, PGIMER will help the contractor to take connection from concerned authority. If, the contractor fails to deposit the water bill, the Engineer In-charge will have the authority to deduct the such amount from contractor's bills and deposit the same to concerned department. iii) The contractor shall make his own arrangements for power supply including laying of cables, switchgears and energy meter for the required load upto the main source of U.T. electricity department / Institute's source of supply (If U.T. electricity is not available) at his own cost for the proper execution of the work and will pay the charges for the electric power consumed.		

SECTION-IX	ADDITIONAL TERMS AND CONDITIONS OF CONTRACT	
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1. The successful tenderer must sign the Integrity pact Annexed in section-VI at page 10 after award of work.
2. PGIMER reserves the right to accept/reject any or all tenders without assigning any reason thereof.
3. All the disputes concerning this tender in any way are subject to Chandigarh Jurisdiction only.
4. **Tenderers to study entire tender document carefully**
 - a) Submission of a tender by a tenderer implies that he has read all the stipulations contained in this booklet and all other contract documents and has acquainted himself of the nature, site conditions scope and specifications of the works to be executed and of conditions and rates at which stores will be issued to him by the PGIMER. The contractor shall also be deemed to have acquainted himself with local conditions and other factors which have a bearing on the execution of the works.

b) No claim will be entertained on account of ignorance of site conditions.

5. **CONTRACTOR SHALL SUBMIT FABRICATION DRAWING FOR OBTAINING APPROVAL**

The contractor shall submit fabrication drawing in triplicate for obtaining preliminary approval of the Engineer-in-Charge for all design drawings structural steel elements, **electrical panels and Air-Conditioning ducts wherever required**. One copy of this drawings duly corrected and signed wherever necessary by Institute will be returned to the contractor for preparing and resubmitting drawings after incorporating the said corrections again in triplicate for final approval. Along with the completion and approval of fabrication drawing, the contractor shall also submit the materials list, for checking and approval to the institute. No drawing shall be approved finally without material list. Once the drawing is finally approved, no request for any alternative section will be entertained. The contractor shall also submit **3 copies** of design calculations for the designs of joints **if required** All joints shall be designed for full strength of members, unless otherwise specified. Approval of fabrication drawings however will not absolve the contractor of his responsibility for the safety and correctness of the fabrication.

6. **BID OF CONTRACTORS WITH A BLEMISHED RECORD WILL NOT CONSIDER**

If the Engineer In-charge receives adverse report against any working contractor of the Institute, either from the department in which he is enlisted or from any other Department or Hospital Engineers of the Institute, his bid will not be considered on the basis of such a report.

On the receipt of a case of adverse performance/ Misbehavior/ Threatening of site staff or any other such reasons, the Director PGIMER shall issue show cause to such contractors and after considering their reply, He shall have full powers to debar such contractor for a period as decided by him. Such debarred contractor shall be ineligible to take up any work in the Institute during the period of debarring.

A copy of such orders shall be posted on PGIMER website so that every field unit of the Institute becomes aware and does not accept tender of such debarred contractors.

If the NIT approving authority not lower than the rank of Superintending Hospital Engineer is satisfied that it is in the interest of the Institute to allow a contractor who has been debarred for reason of inactivity, to participate in the tendering process for getting competitive tenders, he may do so.

7. MATERIALS**I) MATERIAL TO BE SUPPLIED BY THE CONTRACTOR****CEMENT & STEEL REINFORCEMENT.**

Contractor has to produce manufacturers test certificate for each lot of Cement & Steel Reinforcement procured at site.

A) CEMENT:-

The contractor shall procure 43 Grade Portland Pozzolona Cement (Fly Ash based), required in the work from reputed manufacturers of cement as per the approved make in 50 kg. bags bearing manufacturer's name and ISI marking, along with manufacturers test certificate for each lot.

Samples of cement arranged by the contractor shall be taken by the Engineer-in-Charge and got tested in accordance with provisions of relevant BIS Codes. The cement for such testing purpose shall be supplied by the contractor free of charge. In case test results indicate that the cement arranged by the contractor does not conform to the relevant BIS Codes, the same shall stand rejected and shall be removed from the site by the contractor at his own cost within a week's time of written order from the Engineer-in-Charge to do so. The cost of tests shall be borne by the contractor.

PPC shall be brought at site in bulk supply of approximately 30 tonnes or as decided by the Engineer-in-Charge.

PPC bags shall be stored in separate godowns. Separate godowns for tested cement and fresh cement (under testing) to be constructed by the contractor at his own cost as per sketches given in C.P.W.D Specifications having weather-proof roofs and walls. The size of the cement godown is indicated in the sketches for guidance. The actual size of godown shall be as per site requirements and nothing extra shall be paid for the same. Each godown shall be provided with a single door with two locks. The keys of one lock shall remain with Engineer-in-Charge of the work or his authorized representative and that of other lock with the authorized agent of the contractor at the site of work so that the cement is issued from godown according to the daily requirement with the knowledge of both parties. The account of daily receipt and issue of cement shall be maintained in a register in the prescribed proforma and signed daily by the contractor or his authorized agent and Engineer-in-Charge or his authorized representative in token of its correctness. The day to day receipt and issue accounts of different grade/brand of cement shall be maintained separately in the standard proforma by the contractor or his authorized representative which shall be duly signed by the authorized representative of the Engineer-in-Charge before issue to the work on day to day basis.

The capacity of each cement go-down shall be 1000 bags of cement or more as decided by the Engineer-in-Charge and shall be constructed by the contractor at site of work and at the site of batching plant for which no extra payment shall be made. The contractor shall be responsible for the watch and ward and safety of the cement go-downs. The contractor shall facilitate the inspection of the cement go-downs by the Engineer-in-Charge at any time. The actual issue and consumption of cement on work shall be regulated and proper accounts maintained as provided in the contract. The theoretical consumption of cement shall be worked out as per procedure prescribed in Clause-42 of the contract and shall be governed by the conditions laid therein.

If the quantity of cement actually used in the work is found to be more than the theoretical quantity of cement including authorized variation, nothing extra shall be payable to the contractor on this account. In the event of it being discovered that after the completion of the work, the quantity of cement used is less than the quantity ascertained as herein before provided (allowing variation on the minus side as stipulated in Clause - 42), the cost of quantity of cement not so used shall be recovered from the contractor as specified in schedule. Decision of the Engineer-in-Charge in regard to theoretical quantity of cement which should have been actually used as per the schedule and recovered at the rate specified, shall be final and binding on the contractor.

For non-scheduled items, the decision of the Superintending Hospital Engineer regarding theoretical quantity of the cement, which should have been actually used, shall be final and binding on the contractor.

Cement brought to site and cement remaining unused after completion of work shall not be removed from site without written permission of the Engineer-in-Charge.

In case the contractor brings surplus quantity of cement the same shall be removed from the site after completion of work by the contractor at his own cost after approval of the Engineer-in-Charge.

Cement, which is not used within 90 days from its date of manufacture, shall be retested at approved laboratory. Until the results of such tests are found satisfactory, it shall not be used on the work.

B) STEEL REINFORCEMENT:-

The contractor shall procure Thermo Mechanical Treated (TMT) Steel Reinforcement bars of Fe 500D grade from Primary producers such as SAIL or Rashtriya Ispat Nigam Ltd. or Tata Steel.

The grade of the steel shall be Fe 500 D as per BIS 1786-2008.

The contractor shall have to obtain and furnish test certificates to Engineer-in-charge in respect of all the supplies brought by him to the site of work.

Samples shall also be taken and got tested by the Engineer-in-Charge as per the provisions in this regard in relevant BIS Codes. In case the test results indicate that the steel arranged by the contractor does not conform to the laid down specifications, as defined under para 10.3.1 (a) above, the same shall stand rejected and shall be removed from the site of work by the contractor at his own cost within a week's time from written orders from the Engineer-in-Charge to do so.

The steel reinforcement shall be brought in bulk supply of 10 tonnes or more or as decided by the Engineer-in charge alongwith manufacturer test certificate for each lot.

The steel reinforcement shall be stored by the contractor at site of work in such a way as to prevent their distortion and corrosion and nothing extra shall be paid on these accounts. Bars of different sizes and lengths shall be stored separately to facilitate easy counting and checking.

The steel reinforcement shall be brought in bulk supply of 20 tonnes or more or as decided by the Engineer-in-Charge alongwith manufacturer test certificate for each lot.

The steel reinforcement shall be stored by the contractor at site of work about 30cm. to 45cm. above ground. A coat of cement wash shall be given to steel bars when stored at site for long duration so as to prevent corrosion. Nothing extra shall be paid on these accounts. Bars of different sizes and lengths shall be stored separately to facilitate easy counting and checking.

Unless OTHERWISE specified elsewhere in the contract document, the testing (normal mass, tensile strength, bend test, rebound test etc.) shall be done as per frequency of samples not less than as given below:-

SIZE OF BAR	FOR CONSIGNMENT BELOW 100 TONNES	FOR CONSIGNMENT OVER 100 TONNES
Under 10mm dia	One sample for each 25 tonnes or part thereof	One sample for each 40 tonnes or part thereof
10mm to 16mm dia	One sample for each 35 tonnes or part thereof	One sample for each 45 tonnes or part thereof
Over 16mm dia	One sample for each 45 tonnes or part thereof	One sample for each 50 tonnes or part thereof

The contractor shall supply free of charge the steel required for testing including transportation to testing laboratories. The cost of tests shall be borne by the contractor

The Actual issue and consumption of steel on work shall be regulated and proper account maintained as provided in clause 10 of the contract. The theoretical consumption of steel shall be worked out as per procedure prescribed in Clause 42 of the contract and shall be governed by

conditions laid therein. In case the consumption is less than theoretical consumption including permissible variation, recovery at the rate so prescribed shall be made. In case of excess consumption no adjustment need to be made.

Steel brought to site and steel remaining unused shall not be removed from site without the written permission of the Engineer-in-Charge.

The contractor shall submit original vouchers from the manufacturer for the total quantity of steel supplied under each consignment to be incorporated in the work. All consignment received at the work site shall be inspected by the Site staff along with the relevant documents before acceptance. The contractor shall obtain Original Vouchers and Test Certificates and furnish the same to the Engineer-in-charge in respect of all the lots of steel brought by him from approved supplier to the site of work. The original vouchers and test certificates shall be defaced by the Site staff and kept on record in the site office.

Reinforcement including authorized spacer bars and lappings shall be measured in length of different diameters as actually (not more than as specified in the drawings) used in the work nearest to a centimeter. Wastage and unauthorized overlaps shall not be measured. The standard sectional weights referred to as in Table IV in para 5.3.3 in CPWD specifications will be considered for conversion of length of various sizes of M.S. Bars, Tor steel Bars and TMT bars into Standard Weight.

Records of actual Sectional weights shall also be kept dia-wise and lot-wise. The average sectional weight for each diameter shall be arrived at from samples from each lot of steel received at site. The decision of the Engineer-in-Charge shall be final for the procedure to be followed for determining the average sectional weight of each lot. Quantity of each diameter of steel received at site of work each day will constitute one single lot for the purpose. The weight of steel by conversion of length of various sizes of bars based on the actual weighted average sectional weight shall be termed as Derived Actual Weight. However for the stipulated issue of steel reinforcement up to and including 10mm diameter bars, the actual weight of steel issued shall be modified to take into account the variation between the actual and the standard coefficients and the contractors' accounts will be debited by the cost of modified quantity.

If the Derived Weight as in sub-para above is less than the Standard Weight as in Sub-para above then the Derived Actual Weight shall be taken for payment provided, it is within the tolerances specified in IS 1786-2008, otherwise whole lot will be rejected.

If the Derived Actual Weight is found more than the Standard Weight, the Standard Weight as per in sub-para above shall be taken for payment. In such case nothing extra shall be paid for the difference between the Derived Actual Weight and the Standard Weight.

8. **WORK AND WORKMANSHIP**

To determine the acceptable standard or workmanship, the Engineer-in-Charge may order the contractor to execute certain portions of works and service such as walls, flooring, joinery, finishes, roads and the like under the close supervision of the Engineer-in-Charge. On approval, these items shall be labeled as guiding samples and works executed to conform to these samples.


9. **WORK IN THREE SHIFT:**

To speed-up the work, the institute may direct the agency to work in **three shifts** and the tenderer will have to make adequate arrangements for carrying out work in two shifts for which nothing extra shall be payable

10. GATE PASSES

- All tools and plants, surplus/dismantled/ rejected/ materials to be taken away by the contractor from the work site should have a valid gate pass (4 copies) issued by the competent authority of the Institute. One copy of the gate pass shall be delivered to the security staff, one copy at the Exit gate, the third copy shall be retained by the contractor and fourth copy shall be retained by the officer issuing the gate pass.
11. All other information such as documents and drawing supplied by the tenderer will also be in the English language only. Drawing and designs shall be dimensioned according to the metric system of measurements.
 12. Tenders who do not full fill all or any of the conditions laid down in this notice, or contain conditions not covered and/or not contemplated by the General Conditions of contract and /or expressly prohibited therein or stipulated addition/alternative conditions shall be liable to be rejected.
 13. The institute reserves the right to revise or amend the tender documents prior to the date notified for opening of the tenders and also the right to postpone the date of presentation and opening of tenders without assigning any reason, whatsoever.
 14. Each tenderer shall upload only one tender; either by him or as partners in a joint venture. A tenderer who uploads more than one tender will be disqualified.
 15. Unless otherwise stated, the contract shall be for the whole work as described in the “Schedule of items of Works” and the drawings. The contractor shall be bound to complete the whole work as described in the schedule of items of works and the drawings, including additional items, if any, as per drawings and instructions. The issuance of certificate of completion as issued by the Engineer-in-Charge shall be mandatory and will be conclusive proof of completion of work.
 16. Interpretations, corrections and changes to the Tenders Documents shall be made by Addendum, if required.
 17. The quantities taken in the tender can be executed at anywhere in the Institute as per requirements and directions of Engineer Incharge and Contractors shall be bound to execute the same without claiming anything extra.
 18. The Contractor shall strictly comply with the provision of EPF/ESI acts and shall furnish PF/ESI codes. It would however, be mandatory on the part of the contractor to provide proof of having deposited PF and ESI contribution as per law provides together with PF account number of employees in whose account the amount has been deposited (As an affidavit duly attested by Ist class Magistrate) on completion of work. Security shall be released after receipt of the above.

A.E. (Civil-II)
PGI, Chandigarh.

SECTION-X	LIST OF APPROVED MAKES & SCHEDULE OF QUANTITIES (CIVIL WORK)	
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LIST OF APPROVED MAKES / BRANDS (CIVIL WORKS)

S.No.	Description	Makes/Brands
1.	Ready Mix Concrete	L&T CONCRETE / J.K. LAKSHMI / ULTRATECH / RMC READYMIX (INDIA)
2.	Grey Cement 43 Grade (OPC / PP C)	ACC / L & T / GUJRAT AMBUJA / VIKRAM / BIRLA / JK CEMENT / SHREE
3.	White Cement	BIRLA WHITE / JK WHITE
4.	Reinforcement Steel	SAIL / TISCO / RINL / IISCO
5.	Flush Door Shutters	CENTUARY / KITPLY / KUTTY
6.	PVC Door Shutter	RAJSHREE / SINTEX PLAST / DURO PLAST
7.	Ply / Commercial Board	CENTUARY / KITPLY / NATIONAL / ANCHOR
8.	Prelaminated Board	ANCHOR / NOVAPAN / KITLAM / BAJAJ
9.	Sunmica	FORMICA / KITMICA/ DECOLAM
10.	Pressed Steel Frame / Steel windows	SAN HARVIC, STEELMAN INDUSTRIES, PD INDUSTRIES, METAL WINDOWS, CHANDNI INDUSTRIES, GANPATI UDYOG (RAJPURA)
11.	Door Fittings (Aluminum)	ARGENT/ CLASSIC/ UNIVERSAL
12.	Mortise Lock	GODREJ/ HARRISON / PLAZA
13.	Door Closer (Hydraulic)	UNIVERSAL/ RITZ /EVEREST
14.	Helical and Double Action Spring	RITZ / HERYKA / AVON
15.	Adjustable Friction Window stay	EARL BIHARI PVT. LTD. (EBCO)
16.	Wall Tiles	JOHNSON / ORIENT / KAJARIA/SUNHEARTT CERAMIC
17.	Ceramic Floor Tiles, Vitrified Tiles	KAJARIA / JOHNSON / NITCO/ SUNHEARTT CERAMIX.
18.	Precast Concrete Tiles (Terrazo / Plain / Chequered), Solid / Green paver blocks, PCC Kerbs & Channels.	NTC (PKL) / NITCO / MODERN PAVERS DELHI / SUPER TILES NOIDA/SARAL IMPEX/ BALAJI TILES/ SHAM TILES & CONCRETE PRODUCTS/ MGM INFRA/ KRISHNA TILES/ GIAN NIRMAN LTD./ SWASTIK TILES, GTC
19.	Vinyl Flooring	TUSKAR / WONDER FLOOR / LG / ARMSTRONG
20.	Wooden Flooring	ARMSTRONG / PERGO/ACTION TESA.
21.	Glass (Float/Tinted/Toughened)	MODIGUARD / TRIVENI / SAINT GOBIN / ATUL
22.	Paint (Synthetic Enamel / Emulsion / Anti Fungal)	NEROLAC / ASIAN / BERGER/ ICI.
23.	Road marking pant	BRIGHT / ORIENT
24.	Oil Bound Distemper	NEROLAC / ASIAN / BERGER/ ICI.
25.	Wood & Steel Primer	NEROLAC / ASIAN / BERGER/ ICI.
26.	Water Proofing Compound	CICO / PIDILITE / ROFEE / DR. BECK / DURASEAL
27.	Aluminum Sections	INDALCO / HINDALCO / JINDAL.
28.	Tile Adhesive	PIDILITE / SIKA / FOSROC / BAL ENDURA
29.	Glass Mosaic Tiles	PIXEL GLASS / CORAL / ITALIA / BISAZZA / PALLADIO
30.	False ceiling:	
	a) Mineral Fibre	USG BORAL/ ARMSTRONG / DAIKEN / DEXUNE

	b) Gypsum	USG/ SAINT GOBAIN / DEXUNE / ARMGYD/ DIAMOND.
	c) Wooden	KITPLY / ANCHOR / ARMSTRONG WOODWORKS
	d) Metallic	LLOYD / ARMSTRONG / LUXLON / DEXUNE
31.	Silicon paint	PIDILITE / CICO / ROFF / CHOKSEY.
32.	Wall putty	JK / BIRLA / ASIAN
33.	Dash / Anchor fasteners	HILTI / FISCHER
34.	Nuts / Bolts & Screws	GKW / ATUL
35.	Backer rod	SUPREME
36.	Sealant	BASF INDIA / SIKA / FOSROC/DR. FIXIT / CHOKSEY.
37.	Structure silicon / Weather silicon	DOW CORNING / WALKER
38.	G.S. sheet (Corrugated)	TATA / SAIL / NIPPON.
39.	APP water proofing membrane & Primer	IWL / PIDILITE / STP
40.	Mild steel rubber lined Vessels	AZUD / RAIN BIRD / JAIN
41.	Multi port Valve	ASTRAL
42.	Monoblock type Pump	CROMPTON / KIRLOSKAR
43.	Pre Fabricated sandwich wall & roof puff panels	RINAC / SYNERGY / METECNO
44.	ACP Sheet (Exterior grade)	EUROBOND / ALSTONE / INDOBONS
45.	Micro Prismatic retro reflective sheet Type-VII	3M / AVERY
46.	Vertical Blinds	VISTA / MAC / HUNTER DOUGLAS.
47.	Glass Reinforced cement concrete paving tiles	UNISTONE/EUROCON/DAZZLE/ULTRATILE/DAL AL/DURACRETE
48.	Structure steel	JINDAL / TATA / SAIL.
49.	UV Coated Polycarbonate Sheet	LEXAN / POLYGAL/ GALLINA / ULTRA LITE
50.	Monoblock type Pump	CROMPTON / KIRLOSKAR
51.	PPGI Sheet	JSW/ BHUSHAN/ SAIL
52.	Synthetic Resin	AMTECH/ ARIHANT METALLICA / AYPOLS POLYMERS / COSMOS PLASTIC / KANORIA CHEMBOND/ MERCURY SPECIALITY.

LIST OF APPROVED MAKES / BRANDS (PUBLIC HEALTH WORKS)

S.No.	Description	Makes/Brands
1.	Vitreous China Ware (Ist Class quality)	PARRYWARE / HINDUSTAN VITREOUS / CERA
2.	Plastic Seat Cover	PARRYWARE / COMMANDER / HINDWARE
3.	C.P. Fittings / Accessories	ESSCO / EBONY / JAL / JAQUAR
4.	Hand Dryer	ESSCO / EBONY / JAL / JAQUAR / EURONICS
5.	PTMT fittings	PRAYAG / POLYTUF
6.	Flush Valve	JAQUAR / JAL / ESS ESS
7.	Stainless Steel Sink	COBRA / NEEL KANTH / AMC / NIRALI
8.	Soil waste pipes & fittings (a) Centrifugal Cast Spun Pipe (b) Sand cast iron pipes (c) Centrifugal Cast Spun LA Pipe	NECO / ACL / HIF / KESORAM NIF / RIF ELECTRO STEEL / KESORAM
9.	GI & MS Pipes	TATA / JINDAL (Hisar) / BST
10.	PVC Water Supply Pipes & Fittings	NOCIL / CHEMPLAST / WAVIN / SUPREME / DIZAYN / DIPLAST
11.	GI Fittings (Malleable Cast Iron)	UF / SVW / UNIK
12.	Gun Metal Valve (Full way, Check & Globe valve)	LEADER / SANT / KILBURN
13.	Butter Fly Valve	CASTLE / C & R / ADVANCE / IVC / AUDCO
14.	C.I. Double Flanged Sluice Valve & Check Valve	IVC / KIRLOSKAR / LEADER
15.	C.I. Double Flanged Non return Valve	GEETA / KIRLOSKAR / C & R / AUDCO / CASTLE / ADVANCE
16.	Foot Valve	LEADER / IVC / KIRLOSKAR
17.	C.I. Manhole Cover & CI Grating	RIF / ADHUNIK / BC
18.	Bib & Stop Cocks (Brass)	KPR / SANT / VIF
19.	Mirror Glass	MODI GUARD / ATUL / GOLDEN FISH
20.	Insulation Hot Water Pipes (Mineral wool)	LAPINUS
21.	Bed Pan Sink	PAMINI
22.	Elbow Action Surgical Mixer, Taps & Bed pan sink accessories	VIJAY.
23.	PVC tanks	DIPLAST / SINTEX / AQUA/ PLUS.
24.	Stone ware pipe & G.T.	PERFECT / CHANDIGARH CERAMICS / HIND / ISI Mark.
25.	PVC plumbing pipes/fittings	NOCIL / CHEMPLAST / WAVIN / SUPREME / DIAZYN / DIPLAST
26.	RCC Pipe, Grating & Collars	ISI MARKED
27.	Ferrules	DHAWAN SANITARY UDYOG (PRIMA)
28.	PVC well casing & screening pipes/fittings	SUPREME / DIPLAST
29.	Fire Extinguishers	FLAME GUARD/PADMINI/FIRE SHIELD/ SWASTIC TECHNOCRAT LTD./ LIFE GUARD/ OMAX.

**Providing and Installation of Fire Extinguishers in Rotary Sarai at Sector-12, PGIMER,
Chandigarh.**

SCHEDULE OF QUANTITY

S.No.	DSR REF.	Description of item	Unit	Qty	Rate	Amount
1	NS	Providing and installation of ABC type Cap 4kg(Stored Pressure) Fire extinguisher filled with Mono Ammonium Phosphate Powder 90% Conforming to IS 4308, Nitrogen Pressuried, Controllable Discharge Mechanism, Pressure Gauge, Discharge Hose & Nozzle and Epoxy Polyester Powder Coated Mild Steel Body, Fire Extinguisher as per IS 15683: 2018 ISI marked operating Temperature:- (-) 30 degree celcius to (+) 60 degree celcius suitable for 'A', 'B', 'C' class fire and also electrical fire.		24		
		4 kg capacity	Each		1973.00	47352.00
2	NS	Providing and installation of Carobon-di-oxide type Cap 2kg Fire extinguisher filled CO2 gas Conforming to IS 15222 cylinder conforming to IS 7285 & PESO approved, Controllable Discharge Mechanism, Discharge Hose & Nozzle and Epoxy Painted Mild Steel Body as per IS 15683:2018 ISI marked operating Temperature:- (-) 30 degreecelcius to (+) 60 degreecelcius suitable for 'B', 'C' class of fire.				
		2 kg Capacity	Each	6.00	4110.35	24662.10
		Total				72014.10

Assistant Engineer(Civil-II)
PGIMER, Chandigarh


Note:-

1	As this is a specialized job and emergent in nature, local authorized OEM should be preferable in and around of Punjab, Haryana, U.P. etc.
2	All spare parts should be of original make and no third party parts to be used for the repair of items.
3	The rates should includes all consumables, nuts, bolts, grease, oil, minor accessories, dismantling, transportation, alignment, testing and commissioning etc.
4	The contractor shall inspect the site before quoting. No extra payment shall be entertained later.
5	Minimum 6 months guarantee for rewind motors to be provided after completion of the work, any defect during guarantee period shall be rectified free of cost.
6	Electrical shutdown coordination with Engineer-in-Charge is mandatory.
7	Payment will be done on actual work done for the repair of items. Payment shall be released only after satisfactory completion and testing.
8	The contractor will co-ordinate/ assist the department at the time of getting fire NOC for the Satellite Centre at Sangrur from the concerned authorities.

Percentage to be quoted by the agency:	(In Figures)
	(In Words)
Amount worked out by the agency as per percentage quoted:	(In Figures)
	(In Words)
Note:	
1. This is a percentage rate tender, therefore, percentage is only to be quoted by the agency in figures on the amount mentioned in Schedule of quantity.	
2. The rates quoted should be inclusive of all taxes including GST etc. and nothing extra shall be paid on this account.	

A.E. (Civil)

J.E. (Civil)

SECTION-XIII	Standard Operating Procedures (SOPs) and Guidelines for Construction Sites for COVID-19 Outbreak.	
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In response to COVID-19 outbreak, the following Standard Operating Procedures (SOPs) and guidelines to ensure safety of construction site workers shall be followed. In addition to trained Supervisor(s), a Site Safety Representative (SSR) will be deployed at every site, to ensure the safety guideline is followed. Necessary trainings will be given in advance to Supervisors and SSRs, so that they can train the workers further.

A. General Guidelines- Applicable to All

1. The workers coming from outside will be required to self-declare their health profile as per “Form -1” and shall be quarantined for a period of at least 15 days. Mandatory.
2. Thermal Scanning of everyone entering and exiting a construction site will be done for fever with thermal scanners. If anyone leaves and re-enters the site during the shift, re-screening of the individual will be done prior to re-entry into the work site.
3. Personal Protective Equipment (PPE) and other material requirement shall be documented as per “Form-2”.
4. Provision for hand wash & sanitizer (touch free recommended) will be made at all entry and exit points and common areas (including at distant locations like higher floors). Everyone will be required to wash & sanitize his/her hands before entering the site and using PPEs. Same procedure to be followed after removing PPEs and exiting the premise. Sufficient quantities of all the items should be available at the site.
5. All Protocol including Emergency Response will be laid out. Periodic tailgate sessions will be arranged to review site protocols in view of highly dynamic scenario ensuring social distancing norms. During these sessions, everyone including workers will be informed about the safety guidelines and important updates. Necessary arrangements for announcements shall be made at site.
6. Mandatory use of PPEs (face mask, hand gloves and other as applicable) by everyone entering the premise. Re-usable PPEs should be thoroughly cleaned and should not be shared with others.
7. Entire construction site including site office, Labour camp, canteens, pathways, toilets, and entry / exit gates will be disinfected on daily basis. Housekeeping team should be provided with necessary PPEs.
8. There will be total ban on non-essential visitors at sites (including from Head office staff, consultants etc.).
9. There will be strict ban on Gutka, Tambaku, Paan etc. on site and spitting shall be strictly prohibited.
10. Food should be consumed at designated areas only ensuring social distancing.
11. Common sitting arrangements should be removed.
12. Post lunch, waste should be disposed by individual in designated bins and area should remain clean.
13. Areas with a probability of bigger gathering, for e.g. cleaning area, toilets etc. should be identified and all arrangements should be made to ensure social distancing.
14. A doctor will be present periodically (at least once a week) at site on allotted time for any medical assistance.
15. Appropriate signages at construction site spelling out safety practices in the language which is understood

by all, shall be provided.

4. Hospital/clinics in the nearby area, which are authorized to treat COVID-19 patients, should be identified and list should be available at site all the time.
5. For any confusion, clarification and update, everyone should approach designated authority or rely on authentic source.
6. Rumors shall be discouraged and offenders be warned.
19. An isolation room of appropriate capacity shall be created at site.

B. Guidelines for workers

1. On day one, before resuming the work on site post lockdown period, mandatory medical check-up will be arranged for all workers. The workers coming from outside will be quarantined for a period as prescribed by Govt. Authorities, Medical & Health Authorities applicable at the period of construction. Only medically fit workers will be deployed at site and medical assistance will be arranged for unfit workers. Medical checkup camp should be arranged every month.
2. The labours staying at site will not be allowed to go outside. All the essential items will be made available to labours at site only. If necessary, the workers can go out wearing PPEs, after informing supervisor. Similarly, no outside labour will be allowed at site without following proper procedure and instructions.
3. Start time on site will be staggered to avoid congestion at the entry gates. Number of workers working at a particular time / place will be reduced by making arrangements for different shifts / areas. Accordingly, additional staff such as security guards, supervisors etc. will be deployed.
4. As in most cases, workers reside at the sites, hence there is no need for any travel. For workers staying outside, (which are always nearby) special transportation facility will be arranged without any dependency on the public transport system.
5. During attendance, training and other sessions, social distancing guidelines will be followed along with provision of no-touch attendance.
6. Workers should not shake hands when greeting others and while working on the site.
7. Workers shall avoid contact with sick people and avoid going to site if they are feeling sick, have fever, cough or shortness of breath. In such case, supervisor should be informed immediately.
8. Workers with such symptoms should not come to site and should be placed in isolation and medical assistance will be provided on immediate basis. The Agency should make all the arrangements of food and any other requirement on priority basis and the worker shall not be allowed to leave the isolated space designated for such person.
10. Mandatorily wear face masks while working on site. While not wearing masks, worker shall cover his mouth and nose with tissues.
11. Cough/sneeze should be done in the crook of one's arm and elbow.
12. Avoid large gatherings or meetings of 10 people or more. Stay at least 6 feet away from others on job sites and in gatherings. Meetings, and training sessions.
13. Not more than 2/4 persons (depending on size) will be allowed to travel in lifts or hoists. Use of staircase for climbing should be encouraged.
14. Workers should clean hands frequently by washing them with soap and water for at least 20 seconds.

When hand washing isn't possible, alcohol-based hand sanitizer with greater than 60% ethanol or 70% isopropanol should be used.

15. Workers should not share their belongings like food, water bottles, utensils, mobile phones etc. with others.
16. The utensils should be washed properly post use at designated place.
17. Post work, workers should change their clothes before leaving the site and clothing should not be shook out.
17. Avoid touching eyes, nose, or mouth with unwashed hands. C. Guidelines for Material, Tools, Machinery, Vehicles etc.
 1. Wipe down interiors and door handle of machines or construction vehicles, the handles of equipment and tools that are shared, with disinfectant prior to using.
 2. Non-touch waste bin with disposable garbage bag should be installed for waste collection at all common access areas.
 3. Proper disposal of garbage should be ensured.
 4. At all point of time, easy access to parking should be ensured since public transit is limited.
 5. All construction material arriving at site should be left idle for 3 days before use to ensure safe usage.
 6. All vehicles and machinery entering the premise should be disinfected by spray mandatorily.
- D. Emergency protocol in case of detection of symptoms of COVID-19 to be observed by Project Manager of Contractor
 1. Immediate shift worker to isolation room & inform the Engineer-in-Charge CPWD or his Nodal Officer.
 2. Call for a doctor.
 3. Keep worker under observation for a few days in isolation room. In case of doubt, act as per advice of local doctor.
 4. Covid testing shall be arranged as per instructions of Doctor and if so advised by Doctor move worker to Hospital.
 5. Prevent rumours and take strict action against those who spread it.
- E. Responsibility of various stakeholder Responsibility of various stakeholders shall be as follows:

Sno.	Designation	Responsibility
1	Nodal officer as designated by Engineer-incharge.	To coordinate efforts on behalf of Engineer in Charge and ensure compliance of these SOPs. He shall send a daily confirmation of compliance of SOPs.
2	Project Manager of contractor	Overall responsibility of ensuring compliance of procedure and precautions in SOP. To submit daily compliance report to CPWD Nodal officer. To designate a senior person as COVID Marshal and form a team under him.
3	COVID Marshal (Nodal Officer)	To exclusively look after the implementation of all the precautions and procedure at work site and labour camps.

		To intimate daily requirement of PPEs, sanitizers, disinfectants etc in their respective sections. Regular attendance of workers to ensure that no one leaves the site without the permission from local authorities. Ensuring Timely payment to workers/staff.
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“Form-1”

COVID-19 (Coronavirus) Exposure Questionnaire for New workmen

Name	Native (State, District/City, Village)
Age	
Gender	

Please answer the following questions with as much detail as possible:

1. Location/Travel Declaration

a. Please provide your locations/travel patterns over the past 14 days in Table below:

COUNTRY	CITY/VILLAGE	DATE ARRIVED/SINCE WHEN YOU HAVE BEEN IN THE LOCATION	DATE DEPARTED

2. Any cases of COVID-19 in your locations where you have been for last 14 days?

YES

NO

3. Are you, or have you been in close contact with anyone who has been quarantined or who has been diagnosed with novel coronavirus (SARS-CoV- 2/COVID-19)? If yes, please provide details.

YES

NO

4. Have you ever been quarantined due to a possible exposure to novel coronavirus (SARS-CoV-2/COVID-19)? If yes, please provide dates and locations.

YES

NO

5. Have you experienced any of the following symptoms within the last 14 days?

- Any fever
- Cough
- Shortness of breath
- Malaise (flu-like tiredness)
- Rhinorrhea (mucus discharge from the nose)
- Sore throat
- Gastro-intestinal symptoms such as nausea, vomiting and/or diarrhea

If yes, to any of these, please indicate which and provide full information.

5. Are you currently in good health?

YES

NO

Declaration

I confirm that the answers I have given are, to the best of my knowledge, true, and that I have not withheld any material information that may influence the assessment or acceptance of this application.

I agree that this form will constitute part of my application for insurance(s) and that failure to disclose any material fact known to me may invalidate my insurance(s).

Signature

Date

Time

Witness

“Form-2”

PPE and Other material requirement:

Sr. No.	List of Items (Personal Sanitization)	At Stores	At Office	At Workmen Camp
1.	Hand Sanitizer (min. 60% Alcohol)	1 bottle (500ml) at all entrance and to be refilled on regular basis	1 Bottle (500ml) at all entrance and to be refilled on regular basis	2 bottle (500ml) at all entrances and to be refilled on regular basis
2.	Alcohol based Shop Solution	To be made available on demand	To be made available on demand	2 bottles (500mL) at the front side of each campus visible & easy to access along with water availability for washing. Need to be refilled on regular basis
3.	Soap (100gm)		1 No in each toilets and wash basins	1 No. to be distributed to each contractor workman once in a week.

S.No	List of Personal Protective Equipment (PPEs)	Scope
	Nose Mask & Paper Tissues	For all workmen (daily one for at least one month)
	Face mask/Face shield/Goggles	For workmen involved in disinfection/sanitization activity (new one to be issued for each day activity) and COVID Marshal.
	Gloves (Nitrite)	For workmen involved in disinfection/sanitization activity (new one to be issued for each day activity)
	Coverall/Gowns(Nitrite)	For COVID Marshals and workmen involved in disinfection/sanitization activity (new one to be issued for each day activity)

A.E.(Civil-II)

SECTION-XIV	Special Conditions regarding NGT Guidelines	
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Directives of Hon'ble National Green Tribunal in O.A. No.21 of 2014 and O.A. No. 95 of 2014 and MoEF guidelines 2010 on Air Pollution from Construction and Demolition activity.

(A) NGT order dated 04.12.2014:

- No government, authority, contractor, builders or any person would be permitted to store/dump construction material or debris on metalled road.
- Beyond the metalled road the area where such the construction material or debris can be stored shall be physically demarcated by officers of all the concerned Authorities/Corporation ensuring that it would not cause any obstruction to the free flow of traffic/inconvenience to the pedestrians. It should be ensured that no accidents occur on account of such permissible storage.
- Every builder, contractor or person shall ensure that the construction material is covered by tarpaulin and all other precaution should be taken to ensure that no dust particles are permitted to pollute air quality as a result of such storage. It shall also be ensured that appropriate protection measures are taken by raising wind breakers of appropriate height on all sides of the plot/area using plastic and /or other similar material to ensure that no construction material dust fly outside the plot area and it will be the builder/contractor responsibility to ensure that their activity does not cause any air pollution during course of construction and/or storage of material or construction activity. This condition shall be strictly adhered to by every builder, contractor, person or authority. In the event of default they shall be liable to be prosecuted under the law in force, as well as for causing environmental pollution and will be liable to pay compensation which would be determined by Tribunal in accordance with law.
- All the trucks or vehicles of any kind which are used for construction purposes/or are carrying construction material like cement, sand and other allied material should be fully covered. The vehicles should be properly cleaned, should be dust free and every necessary precautions is to be taken to ensure that enroute their destination, the dust, sand or any other particles are not permitted to be released in air/contaminate air. Any truck not complying with the above directions would not be permitted to enter NCR, Delhi.

(B) NGT order dated 10.04.2015:

- Every builder or owner shall put tarpaulin on scaffolding around the area of construction and the building. No person including builder, owner can be permitted to store any construction material particularly sand on any part of the street, roads in any colony.

- The construction material of any kind that is stored in the site will be fully covered in all respects so that it does not disperse in the Air in any form.
- All the construction material and debris shall be carried in the trucks or other vehicles which are fully covered and protected so as to ensure that the construction debris or the construction material does not get dispersed into the air or atmosphere, in any form whatsoever.
- The dust emissions from the construction site should be completely controlled and all precautions taken in that behalf.
- The vehicles carrying construction material and construction debris of any kind should be cleaned before it is permitted to ply on the road after unloading of such material.
- Every worker working on the construction site and involved in loading, unloading and carriage of construction material and construction debris shall be provided with mask to prevent inhalation of dust particles.
- Every owner and or builder shall be under obligation to provide all medical help, investigation and treatment to the workers involved in the construction of building and carry of construction material and debris relating to dust emission.
- It shall be the responsibility of every builder to transport construction material and debris waste to construction site, dumping site or any other place in accordance with rules and in terms of this order.
- All to take appropriate measures and to ensure that the terms and conditions of the earlier order and these orders should strictly comply with by fixing sprinklers, creations of green air barriers.
- Compulsory use of wetjet in grinding and stone cutting.
- Wind breaking walls around construction site.
- All the builders who are building commercial, residential complexes which are covered under the EIA Notification of 2006 shall provide green belt around the building that they construct. All Authorities shall ensure that such green belts are in existence prior to issuance of occupancy certificate.
- All builders shall ensure that C&D waste is transported in terms of this order to the C & D Waste site only and due record in that behalf shall be maintained by the builders, transporters and NCR of Delhi.
- Even if constructions have been started after seeking Environmental Clearance under the EIA notification 2006 and after taking other travel but is being carried out without taking the preventive and protective environmental steps as stated in this order and MoEF guidelines, 2010, the State Government, SPCB and any officer of any department as afore stated shall be entitled to direct stoppage of work.

- The construction material of any kind that is stored in the site will be fully covered in all respects so that it does not disperse in the Air in any form.
- All the construction material and debris shall be carried in the trucks or other vehicles which are fully covered and protected so as to ensure that the construction debris or the construction material does not get dispersed into the air or atmosphere, in any form whatsoever.
- The dust emissions from the construction site should be completely controlled and all precautions taken in that behalf.
- The vehicles carrying construction material and construction debris of any kind should be cleaned before it is permitted to ply on the road after unloading of such material.
- Every worker working on the construction site and involved in loading, unloading and carriage of construction material and construction debris shall be provided with mask to prevent inhalation of dust particles.
- Every owner and or builder shall be under obligation to provide all medical help, investigation and treatment to the workers involved in the construction of building and carry of construction material and debris relating to dust emission.
- It shall be the responsibility of every builder to transport construction material and debris waste to construction site, dumping site or any other place in accordance with rules and in terms of this order.
- All to take appropriate measures and to ensure that the terms and conditions of the earlier order and these orders should strictly comply with by fixing sprinklers, creations of green air barriers.
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- All builders shall ensure that C&D waste is transported in terms of this order to the C & D Waste site only and due record in that behalf shall be maintained by the builders, transporters and NCR of Delhi.
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