

**INDIAN INSTITUTE OF FOREST MANAGEMENT, BHOPAL**

**E-TENDER NOTICE**

**NIT No: IIFM/M(M)/18/22**

**Dated: 03-01-2019**

Online Item Rate Tender (Two Bid System- Technical and Financial) are invited from manufacturer or their authorized dealer or distributors of fire fighting material ( Make Minimax/Ever Safe/Fire Shield) for the following work.

T. No	Name of work	PAC. (In Rs)	Time allowed for completion of work	EMD (Rs)	Online Processing fee
1	Supply, installing, testing & commissioning of Fire Fighting System in Classroom, Library, Mess and Hostels at IIFM campus, Bhopal	21.90 lakhs	3 months	Rs 55,000/- Online Payment	To be paid Extra (Online Payment)

1. The Tenderers intending to participate in this Tender are required to get enrolled on the portal <https://moefcc.euniwizard.com> Enrolment on the above mentioned Portal is mandatory. For registration on ITI portal one time charges of Rs. 2360/- (Rs 2000/- + 18% GST) shall be payable through online payment. **Validity of online registration is 1 year** after which re-registration charges at that time shall be applicable. The required documents are to be uploaded on portal during registration process.

Upon successful registration, an acknowledgement mail shall be sent by ITI Ltd., e-Wizard a copy of which shall be required at [ewizardhelpdesk@gmail.com](mailto:ewizardhelpdesk@gmail.com) to ensure account activation.

2. The tenderers have to digitally sign their bids before submitting the bids hashes online thus the tenderers are advised to obtain Digital Certificates. The Bidders may contact ITI Ltd, for obtaining Class - III Digital Signature Certificates at 91+9179595728, 011-49606060, E-mail: [ewizarddhirajkr@gmail.com](mailto:ewizarddhirajkr@gmail.com)

3. Tender documents are available in the website <https://moefcc.euniwizard.com> which can be purchase and downloaded from **03.01.19, 10:30 AM to 17.01.19 up to 5:30 PM**. And bid submission date from **03.01.19, 10:30 AM to 17.01.19 up to 5:30 PM**.

4. Note: Online Processing Fee (including GST) to be made online.

5. EMD of Rs. 55,000/- should be submitted through online payment. The receipt of the same may be submitted with the Physical Envelope 'A'.

6. The tenderers are required to submit Envelope 'A' physically as per the date (18.01.2019 up to 2.00pm) to the Chief Administrative Officer, Indian Institute of Forest Management, Nehru Nagar, Post Box no-357, Bhopal-462003.

The Physical Envelope 'A' should contain the following.

Kindly upload scan copies of below mentioned documents under Technical Qualification (Envelope A) & Submit Physical copy of the documents in department office in due date.

1. On line payment receipt of EMD
2. Registration Certificate
3. Certificate of Manufacturer or Authorised dealer or distributor of Fire Fighting material (( Make Minimax/Ever Safe/Fire Shield)
4. Experience of similar work in past three years
5. Income Tax return of last three years
6. Any Other Document

Note: Tenders which qualify the technical bid will only be considered for opening of Financial Bid, rest of the Financial bid will be rejected. IIFM reserves the right to reject any or all the Tenders received without assigning any reason(s) thereof

Tender Date Schedule:

S.No	Stages Name	Stages By	Start Date and Time	End Date and Time
1	TENDER RELEASE	DEPARTMENT	03-01-2019 10:30 AM	
2	TENDER PURCHASE & DOWNLOAD	BIDDER	03-01-2019 10:30 AM – 17-01-2019 05:30 PM	
3	BID SUBMISSION	BIDDER	03-01-2019 10:30 AM – 17-01-2019 05:30 PM	
4	TENDER CLOSING	DEPARTMENT	17-01-2019 06:00 PM	
5	TENDER OPENING (Technical Bid)	DEPARTMENT	18-01-2019 3:00 PM	
6	TENDER OPENING (Financial Bid)	DEPARTMENT	08.02.2019 3:00PM	

**For Support:** Bidders should get in touch with Dhiraj Kumar Yadav, ITI Ltd, contact nos 9113711647 or 9179595728 for e-tendering support.

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**{Chief Administrative officer}**

**INDIAN INSTITUTE OF FOREST MANAGEMENT, BHOPAL**

**INDIAN INSTITUTE OF FOREST MANAGEMENT**

TENDER FORM FOR

(Tender No.IIFM/M(M)/18/22

**TECHNICAL BID**

**Supply, installing, testing & commissioning of Fire Fighting System in Classroom, Library, Mess and Hostels at IIFM campus, Bhopal**

(Please put the Bid in separate sealed envelope duly marked and signed across the flap)

**(Do not write the amount here. Amount must be mentioned in the FINANCIAL BID)**

1. Name of Firm :

2. Office Address with Phone Nos:

(Please tick mark the following columns appropriately)

S.No	Particulars	Yes	No	Enclosures No
01	Registration Certificate			
02	Certificate of Manufacturer or Authorised dealer or distributor of fire fighting material ( Make Minimax/EverSafe/Fire Shield) for this work			
03	Experience of three similar works each of value not less than Rs 8.76 lakhs or two similar works each of value not less than Rs 13.14 lakhs or one similar work of value not less than Rs 17.52 lakhs in last 7 years ending previous day of last date of submission of bids			
	S no	Description of work	Amount	
	01			
	02			
	03			
04	Whether EMD deposited or not			
05	GST No with copy			
06	Income Tax return of last three years			
07	Up to I crore income PAN card of the Sole proprietor Above 1 crore income PAN card in the name of the firm with audited account is required			

Proof of all above documents duly self attested with seal, receipt of online payment of EMD may be submitted along with the technical bid.

**Note: All documents should be enclosed in the above sequence properly.**

Place:

Date:

{Name & Signature of the Contractor with seal and address}



## INDIAN INSTITUTE OF FOREST MANAGEMENT

(An Autonomous Institute of the Ministry of Environment, Forests & Climate Change, Govt. of India)

STATE : MP

Division : Maintenance Section

Tender for the work of: Supply, installing, testing & commissioning of Fire Fighting System in Classroom, Library, Mess and Hostels at IIFM campus, Bhopal

### Item Rate Tender & Contract for Works

Contractor Name-----

#### TENDER

I/We have read and examined the notice inviting tender, schedule A & B, Specifications applicable, Drawings & Designs, General Rules and Directions, Conditions of Contract, clauses of contract, Special conditions, Schedule of Rate & other documents and Rules referred to in the conditions of contract and all other contents in the tender document for the work.

I/We hereby tender for the execution of the work specified within the time specified in Schedule 'B' , viz., schedule of quantities and in accordance in all respects with the specifications, designs, drawings and instructions in writing referred to in R ule-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.

We agree to keep the tender open for ninety (90) days from the due date of submission thereof and not to make any modifications in its terms and conditions

A sum of **Rs 55,000/-** has been deposited online as earnest money. If I/we, (fail to furnish the prescribed performance guarantee within prescribed period, I/we agree that the Director, IIFM 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 the Director, IIFM or his 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, otherwise the said earnest money shall be retained by him towards security deposit to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to therein and to carry out such deviations as may be ordered, upto maximum of the percentage mentioned in Schedule 'B' 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 or both Earnest Money & Performance Guarantee as aforesaid, I/We shall be debarred for participation in the re-tendering process of the work.

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 authorised to communicate the same or use the information in any manner prejudicial to the safety of the State

Dated

Signatures of Contractor  
Postal Address

Witness:

Address:

Occupation:

## 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 Director, IIFM for a sum of Rs. ....  
(Rupees.....)

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

- i)
- ii)
- iii)

For & on behalf of the Director,  
Signatures  
Designation

Dated

## SCHEDULES

### SCHEDULE 'A'

Schedule of quantities (Enclosed)

### SCHEDULE 'B'

Reference to General Conditions of contract.

Name of work : Supply, installing, testing & commissioning of Fire Fighting System in Classroom, Library, Mess and Hostels at IIFM campus, Bhopal

Estimated cost of work: **Rs 21,90,000/-**

i) Earnest money: **Rs 55,000/-**

jj) Performance Guarantee: 5% of tendered value

iii) Security Deposit: 5% of tendered value

### General Rules & Directions :

Officer inviting tender : **Chief Admn. Officer**

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

### Definitions :

2 (v)	Engineer-in-Charge	<b>Manager (M)</b>	
2 (viii)	Accepting Authority	<b>Director, IIFM</b>	
2 (x)	Percentage on cost of materials and labour to cover all overheads and profits.		15%
	Standard Schedule of Rates:	<b>Market Rate</b>	
2(xii)	Department :	<b>IIFM, BHOPAL</b>	

## **Clause 1**

i) Time allowed for submission of Performance

Guarantee from the date of issue of letter of

acceptance, in days

**20 days**

## **Clause 2**

Authority for fixing compensation under clause 2

**Director, IIFM**

## **Clause 5**

Number of days from the date of issue of

Letter of acceptance for reckoning date of start

**10 Days**

Time allowed for execution of work

**3 months**

## **Clause 11**

Specifications to be followed for execution of work

**CPWD Specifications**

## **Clause 12**

**12.2 & 12.3** Deviation Limit beyond which clauses

12.2 & 12.3 shall apply for building work

**30%**

**12.2** In the case of extra item (S), the contractor may within fifteen days of receipt of order or occurrence of the item (S) claim rates, supported by proper analysis, for the work and the engineer-in-charge shall within one month of the receipt of the claims supported by analysis, after giving consideration to the analysis of the rates submitted by the contractor, determine the rates on the basis of the market rates and the contractor shall be paid in accordance with the rates so determined.

In the case of substituted items, the rate for the agreement item (to be substituted) and substituted item shall also be determined in the manner as mentioned in the aforesaid para.

- (a) If the market rate for the substituted item so determined is more than the market rate of the agreement item (to be substituted), the rate payable to the contractor for the substituted item shall be the rate for the agreement item (to be substituted) so increased to the extent of the difference between the market rates of substituted item and the agreement item (to be substituted).
- (b) If the market rate for the substituted item so determined is less than the market rate of the agreement item (to be substituted), the rate payable to the contractor for the substituted item shall be the rate for the agreement item (to be substituted) so decreased to the extent of the difference between the market rates of substituted item and the agreement item (to be substituted).

In the case of contract items, substituted items, contract cum substituted items, which exceed the limits laid down in schedule F, the contractor may within fifteen days of receipt of order or occurrence of the excess, claim revision of the rates, supported by proper analysis for the work in excess of the above mentioned limits, provided that if the rates so claimed are in excess of the rates specified in the schedule of quantities, the Engineer-in-Charge shall within one month of receipt of the claims supported by analysis, after giving consideration to the analysis of the rates submitted by the contractor, determine the rates on the basis of the market rates and the contractor shall be paid in accordance with the rates so determined.

**12.3** The Provisions of the preceding paragraph shall also apply to the decrease in the rates of items for the work in excess of the limits laid down in Schedule F, and the Engineer-in-charge shall after giving notice to the contractor within one month of occurrence of the excess and after taking into consideration any reply received from him within fifteen days of the receipt of the notice, revise the rates for the work in question within one month of the expiry of the said period of fifteen days having regard to the market rates.

**Clause 12.5**

Deviation Limit beyond which clauses 12.2 & 12.3

shall apply for foundation work **50%**

**12.5** For the purpose of operation of Schedule F, the following works shall be treated as works relating to foundation:

- (j) For building, compound walls, plinth level or 1.2 meters (4 feet) above ground level, whichever is lower excluding items of flooring and D.P.C. but including base concrete, below the floors.
- (jj) For abutments, piers, retaining walls of culverts and bridges, walls of water reservoirs, the bed of floor level.
- (jjj) For retaining walls where floor level is not determinate, 1.2 meters above the average ground level or bed level.
- (jv) For Roads, all items of excavation and filling including treatment of sub-base.

**Clause 16**

Competent Authority for deciding reduced rates. **Manager (M)**

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## भारतीय वन प्रबंध संस्थान, भोपाल.

(भारत सरकार के पर्यावरण एवं वन मंत्रालय के अधीनस्थ स्वायत्तशासी संस्थान)

राज्य

मध्य प्रदेश

### कार्यों के लिए मद दर निविदा एवं संविदा

(अ) कार्य के लिए निविदा – आईआईएफएम भोपाल, कैम्पस में स्थित क्लास रूम बिल्डिंग, लाईब्रेरी बिल्डिंग, मेस, हॉस्टलों में फायर फाईटिंग सिस्टम प्रदाय एवं लगाने का कार्य।

### निविदा

मैने/हमने कार्य के लिए निविदा आमंत्रण सूचना अनुसूची-क और ख लागू विनिर्देश, नक्शे एवं डिजाइन सामान्य नियम एवं निर्देश ठेके के उपबंध, विशिष्ट शर्तें, दर अनुसूची एवं अन्य कागजात तथा ठेके की शर्तों में दिए गए नियम तथा निविदा कागजात में उल्लिखित अन्य बातों को पढ़ व जांच लिया है।

मै/हम अनुसूची 'ख' में विनिर्दिष्ट समय के भीतर विनिर्दिष्ट कार्य, यथा-मात्राओं की अनुसूची तथा सभी संबंधित विनिर्देशों, डिजाइनों, नक्शों के अनुरूप तथा सामान्य नियमावली के नियम-1 और ठेके की शर्तों के खण्ड-11 में उल्लिखित लिखित अनुदेशों एवं ऐसी सामग्रियों जो प्रदान की जाती है और उसके संबंध में, ऐसी शर्तें जो लागू हों, के अनुरूप निष्पादन हेतु निविदा देता हूँ/देते हैं।

हम निविदा को इसके खोले जाने की निर्धारित तारीख से 90 दिनों के लिए खुला रखने तथा इसकी शर्तों एवं निबंधनों में किसी प्रकार का परिवर्तन न करने के लिए सहमत है।

धरोहर राशि रुपये **55,000/-** की धनराशि, ओन लाईन जमा करनी है। । यदि मै/हम निर्धारित निष्पादन गारंटी को निर्धारित समय अवधि में प्रस्तुत करने में असफल रहते हैं तो मै/हम यह मंजूर करते हैं कि निदेशक, भारतीय वन प्रबंध संस्थान या उनके कार्यालय के उत्तराधिकारी किसी अन्य अधिकार या उपचारी उपाय पर प्रतिकूल प्रभाव डाले बिना उक्त धरोहर राशि जब्त करने के लिए पूर्णतया स्वतंत्र होंगे। इसके अलावा, यदि मै/हम निविदिष्ट कार्य प्रारम्भ करने में असफल रहते हैं, तो मै/हम यह मंजूर करते हैं कि निदेशक, भारतीय वन प्रबंध संस्थान या उनके कार्यालय के उत्तराधिकारी कानून में उपलब्ध किसी अन्य अधिकार या उपचारी उपाय पर प्रतिकूल प्रभाव डाले बिना उक्त धरोहर राशि तथा निष्पादन गारंटी जब्त करने के लिए पूर्णतया स्वतंत्र होंगे अन्यथा उक्त धरोहर राशि निविदा कागजात के अनुसार उसमें निहित शर्तों व निबंधनों के अनुसार कार्यों के निष्पादन एवं आदिष्ट विचलनों को अनुसूची 'ख' में वर्णित प्रतिशत से अनधिक व निविदा प्रपत्र के खण्डों 12.2 व 12.3 में निहित प्रावधानों के अनुसार निश्चित की जाने वाली दरों पर उस सीमा से अधिक के विचलनों के करने के लिए उनके द्वारा प्रतिभूति-निक्षेप के रूप में रोक ली जाएगी। इसके अतिरिक्त मै/हम सहमत है कि बयाना राशी या बयाना राशी तथा उपर्युक्त निष्पादन

गारंटी जब्त हो जाने के मामले मे मुझे/हमे कार्य की पुनः निविदा प्रक्रिया में भाग लेने से रोक दिया जाएगा।

मै/हम एतद्वारा घोषणा करते है कि मै/हम निविदा कागजातों, नक्शों और कार्य से संबंधित अन्य अभिलेखों को गुप्त/गोपनीय कागजात के रूप में रखेंगे और उनसे प्राप्त/ली गई जानकारी किसी अन्य को जिन्हें मै/हम सूचित करने के लिए प्राधिकृत हों, से भिन्न किसी को नही बताएंगे या जानकारी को किसी ऐसे रूप में प्रयोग नही करेंगे जो राज्य सुरक्षा के लिए प्रतिकूल हो।

तारीख

ठेकेदार के हस्ताक्षर  
डाक का पता

साक्षी

पता

उपजीविका

स्वीकृति

मैं निदेशक, भारतीय वन प्रबंध संस्थान की ओर से तथा उनके लि रु. .... (रूपए .....  
.....) की राशि के लिए उपर्युक्त निविदा  
(अधोलिखित पत्रों के अनुसार परिवर्तित) स्वीकार करता हूं।

नीचे दिये गए पत्र इस ठेका करार हिस्सा होंगे।

(i)

(ii)

(iii)

निदेशक, भारतीय वन प्रबंध संस्थान की ओर से तथा उनके लिए

हस्ताक्षर

पदनाम

तारीख

## अनुसूचियां

अनुसूची 'क'

मात्राओं की अनुसूची (संलग्न)

अनुसूची 'ख'

ठेके की सामान्य शर्तों का संदर्भ

कार्य का नाम – आईआईएफएम भोपाल, कैम्पस में स्थित क्लास रूम बिल्डिंग, लाईब्रेरी बिल्डिंग, मेस, हॉस्टलों में फायर फाईटिंग सिस्टम प्रदाय एवं लगाने का कार्य।

कार्य की अनुमानित लागत

**Rs. 21,90,000/-**

(i) धरोहर राशि

**Rs 55,000/-**

ii) निष्पादन गारंटी

निविदित मूल्य का 5 प्रतिशत

(iii) प्रतिभूत निक्षेप

निविदित मूल्य का 5 प्रतिशत

**सामान्य नियम एवं दिशानिर्देश**

निविदा आमंत्रण करने वाला प्राधिकारी

**मुख्य प्रशासनिक अधिकारी**

कार्य की मदों की मात्रा के लिए अधिकतम प्रतिशत जिससे अधिक निष्पादित

मदों के लिए दरों का निर्धारण खण्ड 12.2 और 12.3 के निम्नानुसार **निम्नानुसार**

**परिभाषाएं**

2 (V) भारसाधक इंजिनियर

**प्रबंधक (रख-रखाव)**

2 (Viii) स्वीकार कर्ता प्राधिकारी

**निदेशक, भारतीय वन प्रबंध संस्थान**

2 (X) अतिरिक्त और लाभों को पूरा करने के लिए

**15%**

सामग्रियों की लागत पर प्रतिशतता

2 (xi) दरों की मानक सूची

**बाजार दर**

2 (xii) विभाग

**भारतीय वन प्रबंध संस्थान, भोपाल।**

## खण्ड 1

(i) स्वीकृती पत्र जारी होने की तारीख से निष्पादन गारंटी

प्रस्तुतीकरण के लिए अनुमत समय

**20दिन**

## खण्ड 2

खण्ड 2 के तहत प्रतिकार निश्चित करने वाला प्राधिकारी  
संस्थान

**निदेशक, भारतीय वन प्रबंध**

## खण्ड 5

कार्य आरम्भ की तारीख की गणना के लिए स्वीकृति

पत्र के जारी होने की तारीख से दिनों की संख्या

**10 दिन**

कार्य निष्पादन करने के लिए अनुमत्य समय /

**3 माह**

## खण्ड 11

कार्य निष्पादन के लिए अनुपालन किए जाने वाले विनिर्देश

**CPWD Specifications**

## खण्ड 12

12.2 एवं 12.3 विचलन सीमा जिसके परे खण्ड 12.2

तथा 12.3 भवन निर्माण कार्य के लिए लागू होंगे

**30%**

12.2 अतिरिक्त मदों के मामले में ठेकेदार आदेश प्राप्त होने या मदों के होने के 15 दिन के भीतर, विश्लेषण देकर दरों का दावा कर सकता है तथा भरसाधक अभियंत्रा विश्लेषण सहित दावों की प्राप्ति के एक माह के भीतर ठेकेदार द्वारा प्रस्तुत दर विश्लेषण पर विचार करने के पश्चात् बाजार दर के आधार पर दर निर्धारित करेगा तथा ठेकेदार को भुगतान इस प्रकार निर्धारित दर से अनुसार किया जाएगा।

प्रतिस्थापित मदों के मामले में करार मद (प्रतिस्थापित की जाने वाली) तथा प्रतिस्थापित मद के लिए भी दर को पूर्वोक्त पैरा में उल्लिखित ढंग से निर्धारित किया जाएगा।

(अ) यदि इस प्रकार निर्धारित मद की बाजार दर, करार मद (प्रतिस्थापित की जाने वाली) बाजार दर से अधिक हो तो प्रतिस्थापित मद के लिए ठेकेदार को भुगतान की जाने वाली दर करार मद (प्रतिस्थापित की जाने वाली) की वह दर होगी जिसे प्रतिस्थापित मद तथा करार मद (प्रतिस्थापित की जाने वाली) की बाजार दरों के अंतर की सीमा तक बढ़ाया गया है।

(ब) यदि इस प्रकार निर्धारित प्रतिस्थापित मद की बाजार दर करार मद (प्रतिस्थापित की जाने वाली) की बाजार दर से कम हो तो प्रतिस्थापित मद के लिए ठेकेदार को भुगतान की जाने वाली दी करार मद (प्रतिस्थापित की जाने वाली) की वह दर होगी जिसे प्रतिस्थापित मद तथा करार मद (प्रतिस्थापित की जाने वाली) की बाजार दरों के अंतर की सीमा तक घटाया गया है।

ढेका मदें, प्रतिस्थापित मदों, ढेका व प्रतिस्थापित मदें जो अनुसूची 'च' में दी गई सीमाओं से अधिक हों, उनके मामले में ढेकेदार आदेश प्राप्त होने या ऐसा आधिक्य होने पन्द्रह दिन के भीतर, उपर्युक्त सीमाओं से अधिक के कार्य के लिए उपयुक्त विशलेषण देकर दरों में संशोधर का दावा कर सकता है, यदि दावा की गई ऐसी दरें, मात्राओं की अनुसूची में निर्दिष्ट दर से अधिक हो तो भारसाधक इंजीनियर विशलेषण सहित दावों की प्राप्ति के एक माह के भीतर ढेकेदार द्वारा प्रस्तुत दर विशलेषण पर विचार करने के पश्चात बाजार दर के आधार पर दर निर्धारित करेगा तथा ढेकेदार को भुगतार इस प्रकार निर्धारित दर के अनुसार किया जाएगा।

- 12.3 पूर्ववर्ती पैराग्राफ के प्रावधान अनुसूची 'च' में दी गई सीमाओं से अधिक कार्य कराने के लिए मदों की दरों में कमी पर भी लागू होंगे तथा भारसाधक अभियंता ढेकेदार को नोटिस देरे के बाद कार्य अधिक्य के एक माह के भीतर और उससे प्राप्त किसी उत्तर को ध्यान में रखते हुए नोटिस प्राप्ति के पन्द्रह दिन के भीतर बाजार दर को ध्यान में रखते हुए उक्त पन्द्रह दिन की अवधि पूरा होने के एक माह के भीतर प्रसंगाधीन कार्य के लिए दरें संशोधित करेगा।

12.5 वह विचलन सीमा जिसके—परे खण्ड 12.2

तथा 12.3 नीव कार्य के लिए लागू होंगे

**50%**

12.5 अनुसूची 'च' के प्रयोजन के लिए निम्नलिखित कार्यो को नीव से संबंधित कार्य माना जाएगा:—

- (i) भवनों, चारदीवारी के लिए कुर्सी तल या फर्श की मदों और नमी रोक रद्दा को छोड़कर परन्तु फर्श के नीचे की आधार कंक्रीट को मिलाकर भूमितल से 1.2 मीटर (4 फीट) ऊपर, जो भी निम्नतर हो।
- (ii) पील पायों, पायों पुलों तथा पुलियाओं की धारक दीवारों, जल कुंड की दीवारों के लिए फर्शतल की पैदी।
- (iii) उन धारक दीवारों के लिए जहां फर्श तल निर्धारण योग्य नहीं है वहाँ औसत भूमि तल या पैदी तल से 1.2 मीटर ऊपर तक।
- (iv) सड़कों के लिए उप—आधार के उपचार सहित खुदाई, तथा भराई की सभी मदें।

## खण्ड 16

घटी हुईं दरें निर्धारित करने के लिए समक्ष प्राधिकारी

प्रबंधक (रख—रखाव)

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**FINANCIAL BID**

**INDIAN INSTITUTE OF FOREST MANAGEMENT**

Tender No. IIFM/M(M)/18/22)

**Name of Work: Supply, installing, testing & commissioning of Fire Fighting System in Classroom, Library, Mess and Hostels at IIFM campus, Bhopal**

**Schedule of Items**

<b>A. Supply &amp; Installation of Fire fighting system work at class room, library and mess</b>						
<b>S. No</b>	<b>Specification</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>	<b>Make</b>
1	SITC of GI pipes c class including all fittings like anchor fasteners, couplings, bends, elbows, tees, flanges, etc., welding as required painting with one coat of red-oxide primer and coats of synthetic enamel paints to give an even shade, cutting holes and chases in brick or RCC walls and making good complete.					
	<b>100 mm dia</b>	<b>Mtr.</b>	36			jindal,TATA
	<b>80 mm dia</b>	<b>Mtr.</b>	36			jindal,TATA
2	SITC of cast iron <b>butterfly valves</b> with epoxy coated disc, carbon steel shaft and lever actuator tested to 16 Kg-/cm 2.					
	<b>100 mm dia</b>	<b>Nos.</b>	2			Leader,Kartar
	<b>80 mm dia</b>	<b>Nos.</b>	2			Leader,Kartar
3	SITC of cast iron double flanged horizontal type <b>non return valves</b> including nuts, bolts.					
	<b>100 mm dia</b>	<b>Nos.</b>	2			Leader,Kartar
	<b>80 mm dia</b>	<b>Nos.</b>	2			Leader,Kartar
4	SITC of <b>First-Aid Fire Hose Reel wall mounting swinging type complete with drum</b> , bracket, 25 mm dia. ball valve and 20 mm dia.x 36M long high pressure Hose Reel tubing as per IS:444 & ISI marked with metal shut-off nozzle having 5mm dia. orifice.The Hose Reel shall strictly confirm to IS : 884-1985.	Nos.	5			Minimax,Eversafe,Fire shield
5	Providing and fixing of <b>Single headed</b> , ISI marked oblique pattern <b>hydrant landing valve</b> with 80 mm dia flanged inlet and 63 mm dia instantaneous type female double outlet complete with metal cap and G.I. chain, twist release type plug and all accessories as per 13:5290-1983 (Type 'A')		3			Minimax,Eversafe,Fire shield
6	<b>Non-percolating flexible hose (RRL type-'A')</b> ISI marked (IS:636) 63 mm dia x 15 M long complete with ISI marked Male and female couplings (IS:903) bound and riveted to hose pipe with rivets.		6			Minimax,Eversafe,Fire shield

7	Providing and fixing <b>fire hose cabinet</b> fabricated from 16 gauge MS sheet of fully welded construction with flanged <b>Double front door</b> with locking arrangements and partially glazed with thick glass,		3			Minimax,Eversafe,Fire shield
8	63mm dia short size <b>branch pipes</b> with 20 mm dia nozzles with 63mm instantaneous coupling ISI marked (IS: 903).		3			Minimax,Eversafe,Fire shield
9	SITC of 100mm dia two way fire brigade inlet connection consisting of 63mm size make coupling and shall be protected by cap scored with a chain glass bore etc. ( IS 904- 19765).	Nos.	2			Minimax,Eversafe,Fire shield
10	SITC of 'ABC' stored pressure type Dry Chemical Powder (Mono-Ammonium Phosphate ) firecomplete as per IS:14609.	Nos.	15			Minimax,Eversafe,Fire shield
11	SITC of CO2 type fire extinguishers complete as per IS:14609.	Nos.	8			Minimax,Eversafe,Fire shield
<b>PUMP AND ACCESSORIES</b>						
1	SITC of Main electric motor driven <b>fire hydant pump</b> of 450 lpm complete with pull out type motor of total head 40 mtr with coupling,baseplate etc.with automatic start stop panel with pressure gauge, pressure switch and stainer .	Nos.	2			kirloskar,vilo
<b>MANUAL FIRE ALARM SYSTEM</b>						
1	Supply installation and testing of 4 zone conventional fire alarmcontrol panel. 4 detection zones, 4 sounder outputs, surface mounting, fire and fault relays.	Nos.	1			Agni,ravel
2	Supply, installation and testing of manual call point/glass break unit	Nos.	3			Agni,ravel
3	Supply installation and testing of hooter/siren of 80 Db	Nos.	3			Agni,ravel
4	Supply and installation of 4 core 1.5 sq mm multi stranded copper wire	Mtr.	100			Polycab,finolex
<b>Total</b>						



<b>B. Supply &amp; Installation of Fire fighting system work at Arravalli (G+2) hostel blocks</b>						
<b>S. No</b>	<b>Specification</b>		<b>Qty</b>	<b>Rate</b>	<b>Amount</b>	<b>Make</b>
1	SITC of GI pipes c class including all fittings like anchor fasteners, couplings, bends, elbows, tees, flanges, etc., welding as required painting with one coat of red-oxide primer and coats of synthetic enamel paints to give an even shade, cutting holes and chases in brick or RCC walls and making good complete.					
	<b>80 mm dia</b>	<b>Mtr.</b>	246			jindal,TATA
2	SITC of cast iron <b>butterfly valves</b> with epoxy coated disc, carbon steel shaft and lever actuator tested to 16 Kg/cm 2.					
	<b>80 mm dia</b>	<b>Nos</b>	8			Leader,Kartar
3	SITC of cast iron double flanged horizontal type <b>non return valves</b> including nuts, bolts.					
	<b>80 mm dia</b>	<b>Nos</b>	8			Leader,Kartar
4	SITC of <b>First-Aid Fire Hose Reel wall mounting swinging type complete with drum</b> , bracket, 25 mm dia. ball valve and 20 mm dia.x 36M long high pressure Hose Reel tubing as per IS:444 & ISI marked with metal shut-off nozzle having 5mm dia. orifice. The Hose Reel shall strictly confirm to IS : 884-1985.	Nos	30			Minimax,Eversafe,Fire shield
5	SITC of 100mm dia two way fire brigade inlet connection consisting of 63mm size make coupling and shall be protected by cap scored with a chain glass bore etc. ( IS 904- 19765).	Nos	10			Minimax,Eversafe,Fire shield
6	SITC of 'ABC' stored pressure type Dry Chemical Powder (Mono-Ammonium Phosphate ) firecomplete as per IS:14609.	Nos	30			Minimax,Eversafe,Fire shield
7	SITC of CO2 type fire extinguishers complete as per IS:14609.	Nos	10			Minimax,Eversafe,Fire shield
<b>PUMP AND ACCESSORIES</b>						
1	SITC of Main electric motor driven <b>fire hydant pump</b> of 450 lpm complete with pull out type motor of total head 40 mtr with coupling, baseplate etc. with automatic start stop panel with pressure gauge, pressure switch and stainer .	Nos	4			kirloskar,vilo

<b>C. Supply &amp; Installation of Fire fighting system work at Nilgiri Hostel block</b>						
<b>S. No.</b>	<b>Specification</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>	<b>Make</b>
1	SITC of GI pipes c class including all fittings like anchor fasteners, couplings, bends, elbows, tees, flanges, etc., welding as required painting with one coat of red-oxide primer and coats of synthetic enamel paints to give an even shade, cutting holes and chases in brick or RCC walls and making good complete.					
	<b>80 mm dia</b>	<b>Mtr.</b>	30			jindal,TATA
2	SITC of cast iron <b>butterfly valves</b> with epoxy coated disc, carbon steel shaft and lever actuator tested to 16 Kg-/cm 2.					
	<b>80 mm dia</b>	<b>Nos.</b>	2			Leader,Kartar
3	SITC of cast iron double flanged horizontal type <b>non return valves</b> including nuts, bolts.					
	<b>80 mm dia</b>	<b>Nos.</b>	2			Leader,Kartar
4	SITC of <b>First-Aid Fire Hose Reel wall mounting swinging type complete with drum</b> , bracket, 25 mm dia. ball valve and 20 mm dia.x 36M long high pressure Hose Reel tubing as per IS:444 & ISI marked with metal shut-off nozzle having 5mm dia. orifice. The Hose Reel shall strictly confirm to IS : 884-1985.	Nos.	2			Minimax,Eversafe,Fire shield
9	SITC of 100mm dia two way fire brigade inlet connection consisting of 63mm size make coupling and shall be protected by cap scored with a chain glass bore etc. ( IS 904- 19765).	Nos.	1			Minimax,Eversafe,Fire shield
10	SITC of 'ABC' stored pressure type Dry Chemical Powder (Mono-Ammonium Phosphate ) firecomplete as per IS:14609.	Nos.	4			Minimax,Eversafe,Fire shield
11	SITC of CO2 type fire extinguishers complete as per IS:14609.	Nos.	2			Minimax,Eversafe,Fire shield
<b>PUMP AND ACCESSORIES</b>						
1	SITC of Main electric motor driven <b>fire hydant pump</b> of 450 lpm complete with pull out type motor of total head 40 mtr with coupling,baseplate etc.with automatic start stop panel with pressure gauge, pressure switch and stainer .	Nos.	1			kirloskar,vilo
<b>Total</b>						

<b>D. Supply &amp; Installation of Fire fighting system work at Vindhya chal Hostel block</b>						
<b>S. No.</b>	<b>Specification</b>		<b>Qty</b>	<b>Rate</b>	<b>Amount</b>	<b>Make</b>
1	SITC of GI pipes c class including all fittings like anchor fasteners, couplings, bends, elbows, tees, flanges, etc.,welding as required painting with one coat of red-oxide primer and coats of synthetic enamel paints to give an even shade, cutting holes and chases in brick or RCC walls and making good complete.					
	<b>80 mm dia</b>	<b>Mtr.</b>	30			jindal,TATA
2	SITC of cast iron <b>butterfly valves</b> with epoxy coated disc, carbon steel shaft and lever actuator tested to 16 Kg-/cm 2.					
	<b>80 mm dia</b>	<b>Nos.</b>	2			Leader,Kartar
3	SITC of cast iron double flanged horizontal type <b>non return valves</b> including nuts, bolts.					
	<b>80 mm dia</b>	<b>Nos.</b>	2			Leader,Kartar
4	SITC of <b>First-Aid Fire Hose Reel wall mounting swinging type complete with drum</b> , bracket, 25 mm dia. ball valve and 20 mm dia.x 36M long high pressure Hose Reel tubing as per IS:444 & ISI marked with metal shut-off nozzle having 5mm dia. orifice. The Hose Reel shall strictly confirm to IS : 884-1985.	Nos.	3			Minimax,Eversafe,Fire shield
9	SITC of 100mm dia two way fire brigade inlet connection consisting of 63mm size make coupling and shall be protected by cap scored with a chain glass bore etc. ( IS 904- 19765).	Nos.	1			Minimax,Eversafe,Fire shield
10	SITC of 'ABC' stored pressure type Dry Chemical Powder (Mono-Ammonium Phosphate ) firecomplete as per IS:14609.	Nos.	6			Minimax,Eversafe,Fire shield
11	SITC of CO2 type fire extinguishers complete as per IS:14609.	Nos.	2			Minimax,Eversafe,Fire shield
<b>PUMP AND ACCESSORIES</b>						
1	SITC of Main electric motor driven <b>fire hydant pump</b> of 450 lpm complete with pull out type motor of total head 40 mtr with coupling, baseplate etc. with automatic start stop panel with pressure gauge, pressure switch and stainer .	Nos.	1			kirloskar,vilo
<b>Total</b>						

Grand Total A + B + C+ D =

Note: 1. Security deposit 5% of Tended value will be retained for 01 year

2. Please provide the bank account number along with the IFSC Code, GST no and Pan Card copy for releasing the payment.

**Signature of the Party with Seal**