

TENDER NO. SSSCT/PROC/25-26/E&P/005

Date: 01-May-2025

TENDER DOCUMENT

**SRI SATHYA SAI CENTRAL TRUST
PRASANTHI NILAYAM, PUTTAPARTHI**



**WORKS TENDER NOTIFICATION
FIRE FIGHTING AND PROTECTION SYSTEM OF DORMITORIES
CUM ROOM BLOCK**

Address for communication:

SRI SATHYA SAI CENTRAL TRUST
PRASANTHI NILAYAM,
PUTTAPARTHI
SRI SATHYA SAI DISTRICT
ANDHRA PRADESH – 515134.

Website: www.srisathyasai.org

Email: ce@mail.sssct.org

Aum Sri Sairam

**Sri Sathya Sai Central Trust, Prasanthi Nilayam Puttaparthi, Sri Sathya Sai District, A.P.
- 515134**

TENDER DOCUMENT

Tender Notice Number: SSSCT/PROC/25-26/E&P/005

**Name of work: Fire Fighting and Protection System of Dormitories cum
Rooms Block– Estimated cost Rs.81 Lakhs**

On behalf of Sri Sathya Sai Central Trust, Prasanthi Nilayam Sri Sathya Sai District here-in-after mentioned as the Owner, you are hereby invited to bid Fire Fighting and Protection System of Dormitories Cum Rooms Block

1. Scope of work: Fire works of the above mentioned work as per BOQ and the specification provided along with this tender document.
2. The documents comprising the tender, are
 - A) Notice inviting tender
 - B) General conditions of contract (GCC)
 - C) Special conditions of contract (SCC)
 - D) List of materials to be used.
 - E) Site visit declaration.
 - F) Bill of quantities (BOQ)
3. The Bidder shall furnish the following documents soft copy through mail i.e tenders@mail.sssct.org and hard copy need to be sent to the following address i.e. Chief Engineer, Sri Sathya Sai Central Trust, Prasanthi Nilayam A.P. 515134 on or before 16-May-2025
 - i) Covering letter
 - ii) BOQ duly filled and signed by the bidder
 - iii) Declaration of site inspection by the bidder before quoting the tender.
 - iv) Acceptance of general conditions of the contract, duly signed.
4. The last date of submission of the tender is 16-May-2025 at 11.00 AM

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I-WORKS BID**INVITATION OF BIDS FOR FIRE FIGHTING AND PROTECTION SYSTEM OF DORMITORIES CUM ROOMS BLOCK**

The Sri Sathya Sai Central Trust, Prasanthi Nilayam, Puttaparthi, Andhra Pradesh hereby invites tender from for the said work as per the specifications. “Interested parties who wishes to participants may submit their bids as per process mentioned here under”

To:
The Chief Engineer,
Sri Sathya Sai Central Trust, Prasanthi Nilayam
Puttaparthi, Sri Sathya Sai District,
Andhra Pradesh. Pin: 515134

Sl. No	Bid issue	Description
1	Tender Inviting Authority	Chief Engineer, Sri Sathya Sai Central Trust
2	Name of the Work	Fire Fighting and Protection System of Dormitories Cum Rooms Block
3.	Place at which Tender document available	Tender Document can be downloaded from Website: http://tenders.sssct.org /Fire_Works_at_DCRB_PSN.pdf
4.	Earnest Money Deposit (EMD)	Estimated Value of the Bid Rs.81 Lakhs EMD: 81,000/- (Rupees Eighty one thousand only) To be paid by all the Bidders by bank Transfer as per the details below, at the time of submission of tender bid. SSSCT PROJECTS-INDIAN FUNDS UTILIZATION A/C No: 39117267217. IFSCODE:SBIN0010480 STATE BANK OF INDIA, PRASANTHI NILAYAM

5.	Security Deposit	Further Security Deposit of 1.5% is to be paid by the selected Bidder
6.	Last Date for Submission of Bid	16.05.2025 (Until 11.00 AM)

1. PROCEDURE FOR BID SUBMISSION:

The Bidder shall submit the Bids on or before 16.05.2025 (Until 11:00 AM)
To the Tender Inviting Authority as per the procedure detailed below:

- a. The Bidders shall submit their Bid in a sealed cover along with all the documents as per the Works Bid Invitation along with the Bid.
- b. The Bidder shall sign on all the statements, documents, certificates, and sent by the, owning responsibility for their correctness / authenticity.

2. TENDER DOCUMENT:

The Bidder is requested to download the Tender Document and read all the terms and conditions mentioned in the Tender Document and seek clarification if any, from the Tender Inviting Authority through e mail: ce@mail.sssct.org

- 3. LATE BIDS:** Sri Sathya Sai Central Trust will not accept any bid after the deadline for submission of bids.

II. GENERAL CONDITIONS OF CONTRACT

1. DEFINITIONS

In this Contract, the following terms shall be interpreted as indicated:

A .“The Contract” means the agreement entered into between the Sri Sathya Sai Central Trust and Contractor as recorded in the contract form signed by the parties, including all the attachments and appendices thereto and all documents incorporated by reference therein:

B .“The Contact Price” means the price payable to the Contractor under the Contract for the full and proper performance of its contractual obligation;

C .“Services” means services ancillary to the work, such as transportation and insurance, and all other incidental services, such as commissioning, provision of technical assistance, training and other obligations of the Supplier covered under the Contract;

D “GCC” means the General Conditions of Contract contained in this section;

E “SCC” means the Special Conditions of Contract;

F. “The Contractor” means the Bidder selected for and services under this Contract.

G. “The Trust” means the Sri Sathya Sai Central Trust, the tender Inviting Authority for the work.

2. CHANGE OF ORDERS:

The Trust may, at any point of time, by written order given to the Contractor make changes modifications within the general scope of the contract in any one or more of the following:

A .The scope of work;

B .The specifications of work; and / or

c. The services to be provided by the Contractor

3. APPLICABLE LAWS:

The contract shall be interpreted in accordance with the prevailing laws of the Government of Andhra Pradesh and Union of India.

4. NOTICES:

Any notice given by the Trust to the Contractor pursuant to this Contract shall be sent in writing or by e-mail and/or confirmed in writing to the Contractor’s address specified in Contract.

A notice shall be effective when delivered or on the notice's effective date, whichever is later.

5. AGREEMENT:

The successful Bidder(s) shall execute an agreement for the fulfilment of the contract on **Rs.100/-** non-judicial stamp paper in the prescribed format provided, within seven days from the date of acceptance of the Bid and intimation of the award of Contract.

The incidental expenses of execution of agreement shall be borne by the successful Bidder(s).

The conditions stipulated in the agreement should be strictly adhered to and violation of any of the conditions in full or in part will entail termination of the Contract without prejudice to the rights of The Trust towards Contractor and recovery of any consequential loss from the Contractor.

6. CHANGE OF SPECIFICATIONS:

No change of specifications after the placement of Order shall be entertained unless the alternate model offered is equivalent or higher in specifications and approval of the Competent Authority has been obtained in writing for such a change of model before execution of the work. Execution of work without such an approval shall not be accepted.

7. CONFLICT OF INTEREST.

Any Bidder having a conflict of interest, which substantially affects fair competition, shall not be eligible to bid in this tender. Bids found to have a conflict of interest shall be rejected as non-responsive. Bidder shall be required to declare the absence of such conflict of interest. A Bidder in this Tender Process shall be considered to have a conflict of interest if the Bidder:

- i. Directly or indirectly controls and/is controlled by or is under common control with another Bidder; or
- ii .Receives or have received any direct or indirect subsidy/ financial stake from another Bidder; or
- iii. Has the same legal representative/ agent as another Bidder for purposes of this bid. A Principal can authorize only one agent, and an agent also should not represent or quote on behalf of more than one Principal or
- iv. Has a relationship with another bidder, directly or through common third parties, that puts it in a position to have access to information about or influence the bid of another Bidder or influence the decisions of the Procuring Entity regarding this Tender process; or
- v. Participates in more than one bid in this tender process. Participation in any capacity by a Bidder (including the participation of a Bidder as sub-contractor in another bid or vice-versa) in more than one bid shall result in the disqualification of all bids in which he is a party. However, this does not limit the participation of a non-bidder firm as a sub-contractor in more than one bid; or
- vi. Would be providing goods, works, or non-consulting services resulting from or directly related to consulting services that it provided (or were provided by any affiliate that directly or indirectly controls, is controlled by, or is under common control with that firm), for the procurement planning (inter-alia preparation of feasibility/ cost estimates/ Detailed Project Report (DPR), design/ technical specifications, terms of reference (ToR)/ Activity Schedule/ schedule of requirements or the Tender Document etc) of this Tender process; or
- vii. Has a close business or family relationship with a staff of the Procuring Organisation who: (i) are directly or indirectly involved in the preparation of the Tender document or specifications of the Tender Process, and/or the evaluation of bids; or (ii) would be involved in the implementation or supervision of

resulting Contract unless the conflict stemming from such relationship has been resolved in a manner acceptable to the Procuring Entity throughout the Tender process and execution of the Contract.

The Bidder shall go through instructions, terms and conditions given in this tender document. Failure to furnish all the requisite information called for in this Tender will be at the Bidders' risk and may result in rejection of the tender. The Bidder shall download the tender document, sign and send again by e-mail confirming that the Bidder has gone through all the terms and conditions of the tender.

8. AMENDMENT OF BIDDING DOCUMENTS

At any time prior to the deadline for submission of bids, the Sri Sathya Sai Central Trust may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder, modify the bidding documents by amendment.

Any such amendment/ corrigendum shall be posted on the Sri Sathya Sai Central Trust website only and no other communication shall be made to any firm in this regard.

In order to allow prospective Bidders reasonable time, in which to take the amendment into account in preparing their bids, the Sri Sathya Sai Central Trust, at its discretion, may extend the deadline for the submission of bids.

9. LANGUAGE OF BID

The bid prepared by the Bidder, as well as all correspondence and documents relating to the bid exchanged by the Bidder and the Sri Sathya Sai Central Trust shall be written in English language. Supporting documents and printed literature furnished by the Bidder may be in another language provided they are accompanied by an accurate translation of the relevant passages in the English language in which case, for purposes of interpretation of the Bid, the translation shall govern.

10. FORUM FOR LEGAL PROCEEDINGS:

In all cases of disputes, the decision of the Tender Inviting Authority shall be final. Any dispute or difference or any matter arising out of contract or incidentals thereto under this enquiry shall be subjected to jurisdiction of a competent Court of Law in Puttaparthi in Andhra Pradesh alone and not in any other place.

11. ACCEPTANCE or REJECTION OF BIDS:

A .The Tender Inviting Authority reserves the right to accept or reject any or all bids and to annul the bidding process at any time prior to award of contract, without thereby incurring any liability or any obligation to inform the affected Bidder or Bidders of the grounds for the said action.

B .Any Bid with incomplete information is liable for rejection.

C .For each category of pre-qualification criteria, the documentary evidence is to be produced duly attested by the Bidder, serially numbered and enclosed with the bids. If the documentary proof is not

enclosed for any/all criteria the Bid is liable for rejection.

If any information given by the Bidder is found to be false / fictitious, the Bidder will be debarred for 2 years from participating in any other tenders and will be blacklisted.

12. OTHER IMPORTANT CONDITIONS:

1. Validity of offer: The prices quoted must be FIRM and the offers made must remain open for acceptance for 90 days from the date of opening of Tender.
2. Payment Terms: Payment will be released within 15 days after receipt of the certified bill.
3. The Trust will not issue any statutory forms like, Form C, Form D, Way bill etc., and this should be taken into account by the Contractor while quoting the rates.
4. The Tender Quantity is Tentative. It can be increased or decreased at the discretion of the Trust.
5. After finalization of Tender, a work completion schedule shall be submitted by the Contractor which can be revised by the Trust.
6. Penal clauses of the Contractor whatsoever like payment of interest on late payment of bills etc. shall not be acceptable to Sri Sathya Sai Central Trust.
7. Impermissible variations to specifications of work will be viewed seriously and will lead to black-listing.
8. The Trust reserves the right to override all the terms and conditions of the tender at any moment. It may reject any tender without assigning any reasons thereof and the same shall not be questioned in any court of law on any ground, whatsoever.
9. TAXES: TDS as applicable under the Income Tax Act will be deducted from all payments made to the contractor.
10. DISCIPLINE AND BEHAVIOUR OF WORKMEN: The Contractor shall ensure proper decorum, discipline and decency within the premises of the Institution. Smoking, consumption or possession of alcoholic drinks, and non-vegetarian food items within the premises are prohibited.
11. STATUTORY REQUIREMENTS: All necessary permits, licenses, registration and other Environment / Planning-related clearance needed for the works will be arranged by the Trust, assisted by the Contractor in respect of provision of the required data.
12. ASSIGNMENT AND SUBLETTING: The Contractor shall not assign or sub-contract any part of the work to another agency without prior written approval of the Trust.

13. LIQUIDATED DAMAGES: The Contractor undertakes to complete the work within the stipulated period. In case there are delays not attributable to Force Majeure, and without acceptable justification, the Trust can issue a notice of 15 days to the Contractor to make up the delay, and if there is still a delay, the Trust reserves the right to levy Liquidated Damages to the extent of 2% of the contract value per week of delay. If and when the Liquidated Damages reach a limit 10%, the Trust shall be entitled to determine the Contract and get the work carried out by another agency, with any relevant costs in excess of the contracted value accruing to the Contractor's account

14. LABOUR LAWS:

The Contractor shall be responsible for full compliance with all laws and regulations relating to labour, employment, compensation, wages, working conditions, environment, insurance, safety, etc., and the Trust stands fully indemnified against any claim in this regard.

III.SPECIAL CONDITIONS OF CONTRACT

1. **SCOPE OF WORK:** Fire Fighting and Protection System of Dormitories Cum Rooms Block.
2. **EMD (Earnest Money Deposit)**
 - A. EMD of 1% value of work shall be enclosed along with the Bid. Without EMD, the Bid will not be accepted. This will be refunded to the unsuccessful bidders after awarding the work.**
 - B. The successful bidder shall deposit a further amount of 1.5% towards FSD (Further Security Deposit) before signing of the Agreement.**
 - C. The total EMD/FSD of 2.5% of successful contractor will be released after Defect liability period of 24 months after completion of the work.**
3. **DURATION OF THE CONTRACT:** 180 Days from the date of issuing the letter of Intent. **Time is the essence of the contract.** Contractor shall submit a work schedule highlighting the various milestones immediately after award of work.
4. **CONTRACT AGREEMENT:** Will be executed between the Contractor and SSSCT, Prasanthi Nilayam on a Rs. 100/- stamp paper.
5. **MACHINERY:** All the required machineries should be brought by the contractor. Contractor will be responsible for its maintenance and supply of fuel.
6. **MATERIAL:** All the material required for this construction should be brought by the Contractor. List of approved material Brands is attached separately.
7. **MANPOWER:** All the required manpower both skilled and unskilled should be arranged by the Contractor. The accommodation, safety of the work force is Contractor's responsibility.
8. **SUPERVISION:** A full time experienced supervisor/ Engineer shall be engaged by the Contractor to supervise the work.
9. **TYPE OF CONTRACT:** Item rate Contract. The rates quoted for different items should cover the cost of labour, transport, Tools & plants materials, Lead, Lift, over heads, incidental charges etc.
10. **MODE OF PAYMENT:** Intermediate/Part Payments will be made based on bills containing detailed measurements to be submitted by the contractor duly certified by the engineer-in-charge and processed through Finance department after effecting Tax Deduction at Source (TDS) as per IT Act.
11. **DEFECT LIABILITY PERIOD:** 24 months from the date of handing over. The work completed in all respects as per BOQ and conditions of Contract.

12. RETENTION AMOUNT: 5% of the bill value will be deducted from each R.A. Bill. And same will be released to the contractor along with Final bill after satisfactory completion work. The FSD amount release after 24 months.

13. MODE OF MEASUREMENT: As per IS Codes.

14. REPORTING THE PROGRESS OF THE WORK

- A. The Contractor shall maintain a Site Order Book, where in inspecting Engineers will write day to day observations, instructions and progress of work. This book shall accompany the bills submitted from time to time.
- B. The contractor shall send the pictures of the work progress to the whatsapp group, (which will be formed). From time to time.

15. STATUTORY REQUIREMENTS: Contractors shall arrange to pay the WCP Insurance, on mining material and all other necessary formalities required to execute the work.

16. QUALITY OF WORK: Certificate issued by the local site-in-charge appointed by the SSSCT shall be final. Any defective material/ work found by these authorities during their inspection shall be replaced by the contractor at his cost immediately.

SSSCT reserve the right to terminate the contract if it is found that the work is not up to the mark as for the quality and speed of the progress is concerned, without giving prior notice.

17. Mobilization advance : No mobilisation advance will be paid by the owner

18. ‘The contractor must employ well qualified Persons and foreman’s (supervisors) to monitor work. The person must be dedicated full time for the project’.

19. The tender related queries mail ID: ce@mail.sssct.org

20.→ All Technical queries Cell no-8637226943(“Subash Ch Bilash”).@

a. Location link for Tender submission:

<https://maps.app.goo.gl/8wErz5WksHFKF7PX8>

IV.ANNEXURE -I

Ref No:Date:

To

Sri Sathya Sai Central Trust

Prasanthi Nilayam, Puttaparthi

Sri Sathya Sai District,

Andhra Pradesh – 515134.

Sir/Madam,

Having examined the Bidding Documents including Addenda Nos. (insert numbers) the receipt of which is hereby duly acknowledged, we, the undersigned, offer to execute the work in conformity with the said bidding documents for the sum of Rs. _____ (total bid amount in words and figures) or such other sums as may be ascertained in accordance with the Schedule of Prices attached herewith as part of this bid.

Conditions:

1. We undertake that if our Bid is accepted, for execution of work in accordance with the terms and conditions in the Bidding document.
2. If our bid is accepted, we will obtain the guarantee of a bank for the sum, specified under Tender Conditions in the form prescribed by the Trust.
3. Until a formal contract is prepared and executed, this bid, together with your written acceptance thereof and your notification of award shall constitute a binding Contract between us.
4. We understand that you are not bound to accept the lowest or any bid you may receive.
5. We confirm that we comply with the eligibility Criteria as per Sl 20 of Special Conditions of Contract of the Tender document.

Dated this

Signature:

(In the Capacity of):

Duly authorized to sign bid for and on behalf of

Place:

(In the case of a Partnership Firm, all the partners of the firm should authorize the concerned person for signing the Bid Form. In the case of a Company a copy of the resolution authorizing the concerned person to sign the Bid Form. Copies to be enclosed)

V.ANNEXURE – III**DETAILS OF THE BIDDER/CONTRACTOR**

S.No.	Particulars		
1	Name of the Firm/ Organization/ Society:		
2	Year of Establishment:		
	Registration No. & Date :		
3	Complete Address: Pin Code Phone No. Fax No. e-mail:		
4	Authorized person Name, Address: Designation Phone No. e-mail id		
5	If Partnership Firm a) Name & Address of all Partners b) If Registered under Companies Act, Name of the Chairman and Managing Director with full address c) Name & Address of Proprietor If Proprietor concern.		
6	PAN No. & Date:		
7	GST No.		
8	Branches:		
9	Annual Turn-Over		
	For 21-22		

	For 2022-23:		
	For 2024-25:		
10	Key personnel experience		
11	Details of men & machinery available for execution of work		
12	Business Background/History:		
13	Special Accreditations or Awards, if any:		
14	Customer Testimonials:		
15	Details of man power and equipment		

PLACE

DATE :

SIGNATURE OF THE BIDDER

VI.ANNEXURE –IV**SRI SATHYA SAI CENTRAL TRUST, PRASANTHI NILAYAM****List of Documents to be submitted by the Bidder along with Technical Bid in a sealed cover****NAME OF THE BIDDER:**

- 1.Name:
2. Address:
3. Email:
- 4.Name of Authorised Person
5. Contact Phone Number

Sl No	List of the Documents (Duly attested by the Authorized person on all the documents)
1	Tender Document duly signed & with seal on all pages by the Authorized Signatory.
2	Status of the Bidder - Proprietary / Partnership Firm / etc. submit documentary evidence.
3	Copy of Resolution authorizing the Bidder to Sign the Bid Documents.
4	PAN of the Establishment.
5	GST Registration Certificate.
6	Authorized Person PAN And AADHAAR*
7	Details of the Key Person and experience*
8	Copies of Income Tax returns filed and Assessment orders for the last three financial years. Financial statements for last three financial years.
9	Bidder's Bank Details.
10	Site visit Declaration.

All the above documents are must for the bid to be considered as valid

VII. LIST OF APPROVED MAKES / BRAND OF MATERIALS

LIST OF BRAND/MAKE TO BE USED

Cement - Ultratech, ACC, Dalmia, JSW ,RAMCO- OPC 43/53 grade

Steel reinforcement bars/Rods - TATA/ Jindal Neo FE500-FE550 /Vizag steel/SAIL

CPVC /UPVC/PVC-pipes & its accessories - Astral, Supreme, Ashirwad

PHE items & accessories/fittings - Cera, Parryware, Hindware , Jaguar, JAL (Havay duty) & watertec ,Slimline ,SEIKO

Valves- Zolotto, Kartar / Astral, Watertec(PVC, GI,SS)

Electrical items – Crompton Greaves, Polycab, Finolex, Havells, Legrand, Gloster(cables), C&S, ABB, Philips, Schneider, HPL. Wires should be FRLSH. KEI (Cable),Atom berg,Roma Anchor, Anchor Penta ,L&T indo asian andAkarui.

Tiles - Kajaria, Somany, Johnson, AGL, RAK Regency

Paints - Asian, Berger , Nerolac, JSW.

Pumps- Kirloskar, KSB.(CRI Wilo for hot water)

Extinguishers - Safex, Ceasefire, Kanex.

Any materials to be used/purchased at site should be from approved vendor & duly certified by SSSCT Engineer & the same to be mentioned in the bills for payment.

VIII. SITE VISIT DECLARATION

To

Sri Sathya Sai Central Trust,

Prasanthi Nilayam,

Puttaparthi (A.P)

NIT No. TND/ / / - Dated / /

Dear Sir,

I/We _____Undersigned visited the project site on_____and collected all the required information and data regarding availability of material and noted the environmental condition. I have also signed the attendance register maintained at site in presence of Site-In-change.

Yours faithfully,

(Signature of the Tenderer)

Seal of Tenderer

Dated

Bill of Quantities

BOQ FOR FIRE FIGHTING AND PROTECTION SYSTEM OF DORMITORIES CUM ROOMS BLOCKS

SL NO	DESCRIPTION	UNIT	QTY	Supply RATE	Installation Rate	SUPPLY Amount	INSTALLATION Amount	TOTAL	Suggested Brand
A 1	First Aid Portable Fire Extinguishers								
1.1	Wall mounted stored pressure Dry Powder Chemical ABC Class 6 kg capacity Fire Extinguisher to IS 15633	No	156						Safex
1.2	wall mounted stored pressure foam type fire extinguisher 9 Ltr Capacity	No	2						Safex
1.3	Wall mounted stored pressure carbon di oxide gas to IS 15222 4.5 kg capacity Fire Extinguisher to IS 15683	No	5						Safex
1.4	Wall mounted stored pressure carbon di oxide gas to IS 15222 6kg capacity Fire Extinguisher to IS 15683	No	1						Safex
1.5	Trolley mounted stored pressure Dry Powder Chemical ABC Class 25 kg capacity Fire Extinguisher	No	1						Safex
	Sub total A 1								
B 2	HOSE REEL SYSTEM ,DOWN COMER HYDRANT SYSTEM								
2.1	Wall mounted swing type Fire Hose Reel drum fitted with 19 mm dia rubber braided 36 Meter long hose with 6 mm	No	42						Agni / Kartar / Newtech

	Gun Metal shut off Nozzle complete set to IS 636.connected to 100 mm down comers with suitable reducer,25 mm GI pipe and Butterfly valve at floor levels marked up locations.								
2.2	100mm Dia GI Pipe to IS 1239 with all required pipe fittings , supports, fasteners, painting etc for Down Comers complete,	Rmt	400						Jindal / TATA
2.3	Single headed oblique hydrant Gun Metal valve as per IS 5290 complete with blank cap, Hand wheel ,Chain etc. As landing valve in each Floor level for the downcomers	No	16						Agni / Kartar/ newtech
2.4	RRL Hose conforming to IS 636 Type A 15 Meter long 63mm Dia two Numbers hoses housed in Glass window Double door lockable MS Cabinet powder coated finish postal Red colour painted	No	32						Agni / Kartar/ newtech
2.5	Gun Metal Short Branch pipe with Nozzle conforming to IS 903	No	16						Agni / Zoloto/newt ech
2.6	M.S. Hose cabinet stand/ wall mounted type fabricated out of M.S. sheet of 16 swg. with glass fronted (4mm thick glass with rubber beading) door and size of the cabinet shall be 600mm x 750 mm x 250 doudle door lockable and	No	16						Agni/ Newage

	the cabinet shall be powder coated finish of red colour both inside and outside.								
3.8	Supplying, Installing, testing and commissioning CI butterfly valves (PN 16) slim seal standard lever operated type confirming to IS Standard with required flanges, nuts, bolts etc. complete.								
a	100 mm dia	No	4						Zoloto
b	80 mm dia	No	2						Zoloto
c	25mm dia	No	42						Zoloto
	Sub total B 2								
C 3	YARD HYDRANT								
3.1	80mm Dia GI Pipe to IS 1239 with all required pipe fittings , supports, fasteners etc. The buried pipe should be painted with YC primer paint and wrapped with anti corrosive materials	RMT	216						Jindal / TATA
3.2	100mm Dia GI Pipe to IS 1239 with all required pipe fittings , supports, fasteners etc. The buried pipe should be painted with YC primer paint and wrapped with anti corrosive material	RMT	6						Jindal / TATA
3.3	Fire brigade inlet 2 way with built in check valve outlet connection to the fire main	No	2						Agni / Kartar/ newtech

	grid with butter fly valve								
3.4	Single headed oblique hydrant Gun Metal valve as per IS 5290 complete with blank cap, Hand wheel ,Chain etc. As landing valve in each Floor level for the downcomers	No	6						Agni / Kartar/ newtech
3.5	15 M long, 63mm dia RRL Twin hose conforming to IS 636 Type A with instantaneous couplings and the twinHoses shall be stored inside the M.S. Hose cabinet stand/ wall mounted type fabricated out of M.S. sheet of 16 swg. with glass fronted (4mm thick glass with rubber beading) door and size of the cabinet shall be 600mm x 750 mm x 250 doudle door lockable and kemm. Quoted rate shall include suitable stand for mounting, all fasteners etc, and cabinet shall be powder coated finish of red colour both inside and outside.	No	12						Agni / Kartar/ newtech
3.6	Gun Metal Short Branch pipe with Nozzle conforming to IS 903	No	6						Agni/ Zoloto / Kartar
3.7	M.S. Hose cabinet stand/ wall mounted type fabricated out of M.S. sheet of 16 swg. with glass fronted (4mm thick glass with rubber beading) door and size of the cabinet shall be 600mm x 750 mm x	No	6						Agni/ Newage

	250 double door lockable and the cabinet shall be powder coated finish of red colour both inside and outside.								
3.8	Supplying, Installing, testing and commissioning CI butterfly valves (PN 16) slim seal standard lever operated type confirming to IS Standard with required flanges, nuts, bolts etc. complete.								Zoloto
a	100 mm dia	No	2						
b	80 mm dia	No	4						
	Sub total C 3								
D 4	AUTOMATIC SPRINKLER SYSTEM								
	Supply ,installation and Commissioning of Automatic Sprinkler system for Car parking in Stilt Floor and the basement admeasuring total built up area of 4560Sq Meter providing approx400 numbers of Quick acting type Sprinklers with required piping,and fittings and supports , connecting to the existing terrace level Fire Water storage tanks at 22Mtrs level,								
4.1	heavy grade G.I. Pipes (ERW-Class C) confirming to IS:1239 part-I, with malleable specials confirming to IS:1239 part-II, such as Tees, Elbows,								Jindal / TATA

	Check nut, unions, flanges , nipples etc. Including treading, cutting, Welding, fixing in / on walls, by using suitable supports as per approved drawings.\								
a	150 mm nominal dia	Rmt	246						
b	100 mm nominal dia	Rmt	198						
c	80 mm nominal dia	Rmt	140						
d	65 mm nominal dia	Rmt	140						
e	50 mm nominal dia	Rmt	242						
f	40 mm nominal dia	Rmt	200						
g	32 mm nominal dia	Rmt	170						
h	25 mm nominal dia	Rmt	740						
	sub total 5/2								
4.2	Supplying, Installing, testing and commissioning slim seal standard lever operated type confirming to IS Standard with required flanges, nuts, bolts etc. complete.								Zoloto
a	150 mm dia	No	6						
b	100 mm dia	No	10						
4.3	Supplying, Installing, testing and commissioning CI butterfly valves (PN 16) slim seal standard lever operated type confirming to IS Standard with required flanges, nuts, bolts etc. complete.								Zoloto
a	150 mm dia	No	6						
b	100 mm dia	No	10						

c	80 mm dia	No	10						
d	65 mm dia	No	10						
e	50 mm dia	No	10						
4.4	CONVENTIONAL SPRINKLER:								
	Supplying, installing, testing and commissioning conventional sprinkler quartzoid bulb type with 15 mm screwed end connection of 68°C temperature rating								PALEX
a	Up right type	No	0						
b	Pendent type	No	400						
c	Side Throw type	No	0						
4.5	4 Zone Fire alarm Panel	No	1						
4.6	Supplying, installing, testing and commissioning of flow switch on sprinkler distribution header and connected to fire alarm panel through cable.	No	1						Ravel
	Subtotal D4								
E 5	Manually Operated Electric Fire Alarm System								
5.1	wall mounted Manually Operated Electric Alarm System connected to 230 volts ac power sockets,	No	39						Ravel/Agni or equivalent
	Subtotal E5								
F 6	FIRE PUMPS								

6.1	Electrical motor driven Fire pump of DB 50/16 Model capable to deliver 900LPM at 45MWC. The pump shall be CI body and bronze impeller with Stainless steel shaft ,mechanical seal construction to ensure minimum pressure of 3.5 Kg/sqCm .. The pump shall be coupled to Electrical driven motor of 12.5 HP 2900 RPM 415 volts 3 phase 50 Hz AC with IP 55 protection for Enclosure complete set on common base frame(as recommended by manufacturer) .and mounted on cement concrete foundation with bolts and nuts and Anti Vibration Pads at Terrace Level,	No	2						KIRLOSKA R,
6.2	Fire control electrical panel to IS 55 suitable for above fire pumps motors start Stop Manual/ Auto operation provided with indication led lamps,ammeter,single phase and overload protection Relays vermin proof and doors lockable .Power and control cables laid should be properly dressed and tied and terminated with suitable cable glands and core connected with identification alpha numerical marking ferrules.	No	2						L&T / Siemens or equivalent

6.3	Electric driven high pressure Plungertype pump capacity 2 hp with DOL starter 240 volts supply with starter installation at each floor level connecting to Down comer pipe lines complete set with 60mtrs delivery hose fitted with sprayjet nozzle , 10mtr suction hose, suitable ball valve, strainer, nipple ,etc mounted on castor wheel fitted trolly.	No	6						Greentechma ke with crompton electricmotor Siemens/L& T /equivalent DOL starter
6.4	Petrol Engine driven fire pump high pressure Plunger type capacity 5 hp at Ground floor level connecting to normal service water plumbing lines complete set with 50mtrs delivery hose, 25 mtr suction hose, 25mm float valve, suitable ball valve, strainer, nipple, high pressure gun ,etc mounted on mobile trolly and laying of suitable power , control and earthing cables and termination all agreements are properly installed a suitable cabined with trolly mounted,	No	1						Greentechma ke with crompton electricmotor Siemens/L& T /equivalent DOL starter
6.5	C I 100mm Y Strainer with removable bronze screen 1/8 "perforation ,a permanent magnet and suitable flanges	No	2						Zoloto
6.6	C I Body Non-Return valve with nitrile rubber lining and dual plate swing type to with stand test pressure of 16								Zoloto

	Kg/sq cm along with suitable flanges								
6.7	80 mm normal Dia	No	2						Zoloto
6.8	100 mm Dia	No	2						Zoloto
7	Standard Pressure Switch range 1-10kg/sqcm RT 116	No	3						Danfoss
7	Standard 100mm dial Bourdon type pressured range 1- 10	No	3						Hguru
7.1	Supplying, Installing, testing and commissioning CI butterfly valves (PN 16) slim seal standard lever operated type confirming to IS Standard with required flanges, nuts, bolts etc. complete.								Zoloto
a	100 mm dia	No	4						
b	80 mm dia	No	4						
	Sub total F 6								
G 7	SIGNAGE								
7.1	Providing and fixing in position the photo luminescent (auto glow) signage with letter "EXIT and STAIRCASE" Both Left and Right arrow direction towards exit to be pasted on a ceiling mounted frame of 200mm x400mm size.	No	30						
7.2	Providing and fixing in position the photo luminescent (auto glow) signage with letter "EXIT " and Both Left and Right	No	30						

	arrow direction towards exit to be pasted on a ceiling mounted frame of 200mm x400mm size.								
7.3	Fire Pump Panel	No	1						
7.4	Assemble Point 24"x18" with Stand	No	2						
7.5	Emergency Contact Number Display Board 3'x2.5'	No	2						
7.6	Fire Hose Reel	No	42						
7.7	Fire extinguishers	No	30						
	Sub total G 7								
	Supply + Installation Total amount (A-G7)								
	Sub total A to G (WITHOUT TAX)								
	GST 18%								
	TOTAL								