



SREE CHITRA THIRUNAL COLLEGE OF ENGINEERING

PAPPANAMCODE, TRIVANDRUM – 695018

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No.1240/EW/2018/SCTCE

Dated: 17.05.2018



SREE CHITHRA THIRUNAL COLLEGE OF ENGINEERING

(Established & controlled by Government of Kerala)

Pappanamcode, Thiruvananthapuram –695 018

Phone :0471 2490 572 , 2490 772

Website www.sctce.ac.in

TENDER NOTICE

Sealed tenders on item rate basis are invited from registered contractors of PWD and allied departments for the following works.

1. Tender No.562/EW/2018/SCTCE–Trivandrum Fire protection system –Educational building at SCTCE, Pappanamcode.

Last date of submitting the tender: 26/05/2018 at 3.00 PM.Tenders will be opened on the same date @ 3.30 PM.

-sd-
PRINCIPAL

For more details visit the College website: www.sctce.ac.in

Tender No.562/EW/2018/SCTCE

COST OF TENDER FORM – Rs.700/-
Earnest Money Deposit – Rs.8750/- (EMD in the form of DD in favour of the
principle SCTCE, Pappanamcode)
Time of Completion - 2 Months .

Tender forms containing terms, conditions and technical specification can be obtained from the College Office on any working day up to 14.00 hrs on 26-05-2018. Copy of Cash Receipt for the purchased Tender Documents from this office may be submitted along with the tenders. Those bidders who download tender forms containing terms and conditions from the College Website may submit the Cost of Tender Forms in as separate Demand Draft taken from any nationalized Bank favouring "The Principal, Sree Chitra Thirunal College of Engineering" payable at Thiruvananthapuram, along with the Tender.

Yours faithfully,

PRINCIPAL i/c

SCT College of Engineering, Trivandrum

TENDER SCHEDULE

Name of work: - **SUPPLY INSTALLATION TESTING AND COMMISSIONING OF FIRE PROTECTION SYSTEM AT SCTCE, PAPPANAMCODE**

SI No.	Qty	Specifications	Unit	Rates(Rs)	Amount(Rs)
A FIRE HYDRANT SYSTEM					
1.	1	Supply, erection, testing & commissioning of electrical motor driven BOOSTER PUMP capable to deliver 900 LPM at 35mt head rated at 5 HP monobloc type with speed of 2900 RPM. Make: V-Guard/LHP	Nos		
2.	1	Supply, erection, testing & commissioning of MOTOR CONTROL CENTRE (Optional) for electric motor driven booster pump. The control panel mountings shall include necessary indications showing the power supply conditions ammeter, voltmeter with selector switch auto/manual rotary selector switch etc.The panel shall be duly painted with protective anticorrosive P.O.Red paint and shall be of foot mounted/wall mounted type. (foundations and cabling to panel and pump shall be clients scope) Make:L & T/Equivalent	Nos		
3.	1	Supplying and fixing approved make PRESSURE GAUGE with 100 psi range and 10mm dia make :H GURU	Nos		
4.	1	Supplying and fixing approved make PRESSURE SWITCH with 0-100 psi range with differential controls Make :INDFOS	Nos		
5.	42.00	Supply, erection, testing & commissioning of M.S.B' Class PIPES (Above ground) with Tees, elbows, flanges. Including cutting, welding , fixing in/on walls, ceiling by using suitable supports and protecting with painting etc. Make: Jindal(IS:1239) .100mm dia	M		

6.	1	Supply, erection, testing & commissioning of C.I.NON RETURN VALVES , slim seal type with required flanges, nuts, bolts and gaskets etc.complete. Make: Kartar/Prime. 100mm dia	Nos		
7.	2	Supply, erection, testing & commissioning of C.I.BUTTERFLY VALVES slim seal standard lever operated type with required flanges, nuts, bolts etc.complete. Make: Kartar. 100mm dia	Nos		
8.	3	Supply, erection, testing & commissioning of C.I.BALL VALVES with fittings of screwed end type. Make: Kartar/Leader. 20mm dia	Nos		
9.		Supplying, erecting & commissioning of LANDING HYDRANTS comprising of the following in the fire duct;			
a	3	63mm dia instantaneous pattern single headed oblique Hydrant Valve Make: New Age/Essel(IS:5290)	Nos		
b	6	15m long, 63mm dia ISI marked Reinforced Rubberlined Hose with S.S couplings and hoses tested to be a burst pressure of 17kg/cm ³ Make:Padmini/CRC(IS:636)	Nos		
c	3	1no. aluminum Branch Pipe with nozzle Make:Essel/New Age(IS:903)	Nos		
d	3	Hose Reel Drum hydraulic swinging type epoxy powder finished with suitable colour code with 19mm dia thermoplastic braided hose of 30m length with PVC rigid shut off nozzle,EN approved with a tested pressure of 18 bar, Make:Fyerbann	Nos		
10	3	Fire Hose Cabinet Double Door type fabricated out of M.S. sheet of 20swg, door shall be fixed with 3mm thick glass, suitable to accommodate one roll of Fire hose of 15m length and one short branch pipe Make:Fyerbann	Nos		
11	1	Supplying, erecting & commissioning of FIRE BRIGADE INLET connection of 3 way with 2 nos.63mm dia built in non-return valves instantaneous coupling type arranged on 100mm dia.pipe manifold and connected to rising main Make:Fyerbann	Nos		
12	1	Supplying & fixing approved make 25mm dia.with automatic AIR RELEASE VALVE with unions etc.complete. Make:Kartar	Nos		
		TOTAL(A)			

B						FIRE EXTINGUISHERS					
	6	Supplying, installing and commissioning portable fire extinguishers of following type & capacity. ABC type fire extinguisher of 4kgs.capacity Make:A1	Nos								
		TOTAL(B)									
C						MANDATORY SIGNAGES					
	6	Supplying & fixing of safety signages made from foam board and venyl self glow stickers	Nos								
		TOTAL(C)									
D						DISMANTLING CHARGES					
	1	Dismantling of existing pipes and hydrant accessories	Full								
		TOTAL(D)									

I agree to undertake to execute the above work at an Amount of Rs.....as

above on item rate basis

Dated Signature

Name & address of the contractor

PRINCIPAL