

PRICE BID

BOQ FOR SUPPLY, INSTALLATION, TESTING & COMMISSIONING (SITC) AND REPAIR OF WATER BASED FIXED FIRE FIGHTING SYSTEM FOR STATE BANK OF INDIA, LOCAL HEAD OFFICE 16 COLLEGE LANE, NUNGAMBAKKAM, CHENNAI-600 006

Sr. NO	Item Description	Unit	Quantity	Rate (Rs.) (Excl GST)	Amount (Rs.) (Excl GST)
1	Supply, Installation, Testing and Commissioning of 80 mm CI slim lever-operated Butterfly valve PN-16 complete with all necessary fitting and accessories, including dismantling and removal of existing valve and storage in the marked area.	Nos	2		
2	Supply, Installation, Testing and Commissioning of 150 mm CI slim lever-operated Butterfly valve PN-16 complete with all necessary fitting and accessories, including dismantling and removal of existing valve and storage in	Nos	3		
3	Providing & Fixing of Female Coupling inner washer.	Nos	58		
4	Supply, Installation of Hydrant Female Coupling, including removal of existing coupling and storage in the marked area.	Nos	1		
5	PVC Blank Cap for Hydrant Valve	Nos	36		
6	Supply, Installation, Testing and Commissioning of 150 mm Control Valve with complete necessary accessories (Alarm valve with pressure trim kit and gong bell), including dismantling and removal of existing valve and accessories storage in the marked area.	Nos	1		
7	Supply, Installation, Testing, Commissioning of 150 mm Ball Type Non Return Valve (NRV) PN-16 complete with all necessary accessories and fitting, including dismantling and removal of the existing valve and storage in the marked area.	Nos	1		
8	Supply, Installation, Testing and Commissioning of MS pipes, ERW, Heavy Grade 'D' class Confirming to IS:1239 for pipes complete with painting, Fitting, Supports-200 mm. dia pipe, including dismantling and removal of the existing pipeline and storage in the marked area.	Mtrs	12		
9	Supply, Installation, Testing and Commissioning of Ms pipes , ERW, Heavy Grade 'D' class Confirming to IS:1239 for pipes complete with painting, Fitting, Supports-150 mm. dia pipe, including dismantling and removal of the existing pipeline and storage in the marked area.	Mtrs	4		
10	Supply, Installation, Testing and Commissioning of MS pipes, ERW, Heavy Grade 'D' class Confirming to IS:1239 for pipes complete with painting, Fitting, Supports-80 mm. dia pipe, including dismantling and removal of the existing pipeline and storage in the marked area.	Mtrs	4		
11	Supply, Installation, & Testing of Gunmetal of single acting automatic Air Release Valve (ARV) with screwed inlet 25 NB, including dismantling and removal of the existing pipeline and storage in the marked area.	Nos	2		
12	Supply, Installation, Testing and Commissioning of Y strainer cast iron PN10 Flanged with complete necessary accessories-200NB, including dismantling and removal of the existing Y- strainer and storage in the marked area.	Nos	2		

13	Supplying, Installation, Testing & Commissioning of Fire Aid Hose Reel drum with 30mtrs ong rubber hose and GM shut of nozzle 25mm dia Gate Valve, Union pipe complete set confirming to IS: 884, including dismantling and removal of the existing Fire Aid Hose Reel Drum with damage 30mtrs and storage in the marked area.	Nos	16		
14	Supply and Testing of RRL Hose with ISI Mark (IS:636) 63mm dia x15 M long complete with instantaneous type Stainless Steel 63 mm dia ISI Marked male & female couplings (IS:903) bound & riveted to hose pipes with SS rivets and SS wire complete as required.	Nos	20		
15	Providing & Fixing of weather proof hose cabinets fabricated form 16/18 S.W.G M.S Sheet with centre opening full front glass door and locking arrangement suitable to accommodate 2 nos 15m long hoses and 1 no. Branch pipe with nozzle. The cabinet shall be painted with one coat of primer and 2 or more coats of synthetic enamel paint of approved make & shade and shall be suitably mounted on a raised masonry platform complete as reqd. (MAKE - SELF FEBRICATED) 750X450X300MM), including dismantling and removal of the existing hose boxes and storage in the marked area.	Nos	6		
16	Supply, Installation and Testing of jockey pump Fan blade	Nos	1		
17	Supply and installation of 150mm ELBOW, including dismantling and removal of the existing ELBOW and storage in the marked area.	Nos	2		
18	Providing & Fixing of Flange 200mm, including dismantling and removal of the existing Flange and storage in the marked area.	Nos	4		
19	Providing & Fixing of Flange 80mm, including dismantling and removal of the existing Flange and storage in the marked area.	Nos	2		
20	Providing & Fixing of Flange 150mm, including dismantling and removal of the existing Flange and storage in the marked area.	Nos	3		
21	Supply, Installation, Testing and Commissioning of Pump Set under Duty condition: 171CUM/hr. @105 Meter Head End Suction back pullout pump having standards material of construction fitted with bronze impeller, gland packing coupled to @1800 RPM Radiator cooled diesel Engine. The complete set shall be factory-assembled and mounted on a suitable MS fabricated channel base factory assembled set, including dismantling and removal of the existing Diesel Driven Engine and storage in the marked area.	Nos	1		
22	Supplyb, Installation, Testing and Commissioning (SITC) of Starter Panel, fabricated and suitable for operation of Diesel Engine Driven Fire pump set up to 167 HP, with provision for automatic starting through pressure switches. The panel shall include necessary indication lamps, ammeter with CTs for motor full load current , selector switch, push buttons and all other standard accessories. The panel shall be duly painted with anti - corrosive paint and shall be of foot mounted/wall mounted type. Including supply, laying,Testing and commissioning of FRLS cable of suitable size between the Diesel Pump & the Starter Panel (Approximate 10 mtr).	Nos	1		
23	Supply, Installation and Commissioning (SITC) of Diesel Fuel Storage Tank for Fire Pump as per NFPA 20. The Tank shall have minimum capacity sufficient to operate the Diesel Fire Pump at 100 % rated capacity for 8 hrs, as required under NFPA 20 Clause 11.4.2. Tank shall be of M.S construction, complete with level indicator, vent drain, fill connection, and all accessories. The scope includes necessary piping, valves, and supports up to engine, including dismantling and removal of the existing Diesel Fuel Tank and storage in the marked area.	Nos	1		

24	Providing & Fixing of Battery for Diesel Engine Pump, along with suitable charger panel of suitable size as per OEM recommendation. , including removal of existing batteries and storage in the marked area.	Set	1		
25	Supply, Installation, Testing and Commissioning of Diesel Fuel Pipe line of suitable size and length, complete with all necessary valves, fitting and accessories as required by site conditions, for the diesel fire pump.	Job	1		
26	Providing and Fixing of Battery cable		1 Pair		
27	Supply, Installation and Commissioning of Exhaust piping for Diesel Fire Pump, complete with suitable aluminium- clad insulation and exhaust silencer. The exhaust termination shall be provided cap. The Scope includes dismantling and removal of the existing Exhaust pipe and storage in the marked area.	Set	1		
28	Providing and Fixing of 150mm cast iron sluice valve PN 16 Flanged with complete accessories, including dismantling and removal of the existing Flange and storage in the marked area.	Nos	1		
29	Supply, Installation, Testing and Commissioning of CI Slim seal lever operated type Butterfly valve PN16 with complete necessary fitting -200mm, including dismantling and removal of the existing valve and storage in the marked area.	Nos	1		
30	Providing, erection testing & commissioning of Pressure switch.	Nos	1		
31	Providing, erection testing & commissioning of 100mm dia size pressure guage 0-16 bar pressure with Glycerine filled	Nos	1		
32	Supply, Installation, Testing and Commissioning (SITC) of bearing of suitable size in the existing Monitor.	Job	1		
Total Amount (in Rs.) (Excluding GST)					