

### Price Bid for FireFighting Tender for SBI-LHO, New Delhi

Sno.	Description	Unit	Quantity	Rate	Amount
1	Supply, Installation testing and commissioning of electrical driven pump suitable for automatic operation and consisting of following: Complete in all respect as required a) horizontal type, multistage, centrifugal pump of cast iron body & bronze impeller with stain less steel shaft, mechanical seal and flow of 2850 LPM at 88 Mtrs Head confirming to IS:1520 b) 75KW/100 HP SQ cage induction motor TEFC type suitable for operation on 415V, 3 phase, 50 Hz, AC with IP 65 class of protection doe enclosure, Horizontal foot mounted type with class 'F' insulation, confirming to IS 325 c) MS fabricated common base plate, coupling, coupling guard, foundation bolts etc as required, Make: Kirloskar/ Mather & Platt	Nos	1.00		0.00
2	Supply, installation, testing and commissioning of compartmentalized common control panel as per IS: specification & tested as per standard specification made out of 2mm sheet painted with powder coating process suitable for electrical motor driven pump and diesel engine driven pump and jockey pump with following switchgear: INCOMING: 1 no. 250A, 35 KVA TPN MCCB, 1 set of 250A TPN copper bus bar with color coded heat shrinkable PVC sleeves. 1 set of RYB indicating lamp with individual MCB control fuses 1NO. of 96 sq.mm, 0-400A ammeter with selector switch and suitable rated current transformers. 1 no. 0-500, 96 sq.mm voltmeter with selector switch. ONGOING: Feeder for main pump-1 no 200 TP main switch. Star delta starter with over load relay, single phase preventer and ON/OFF/TRIP indicating lamps with start/ stop push buttons along with ammeter with CTS. Auto/Manual selector switch with wiring. Feeder for Jockey Pump- 1 no. 1 no. 63 ATP main with DOL starter same as above for jockey pump motor. DIESEL ENGINE MAIN PUMP a) 20 Amps DPMCB-3 nos. b) Electronic rectifier, DC ammeter, DC voltmeter, Trickle/booster/off sector switch c) 1 set of indicating lamps of the following: phase indication, DC supply on, Engine run, engine idle, engine fails to start, low oil pressure, high water temp. d) ON/OFF selector switch for AC supply e) Battery charging system Description: f) ON/OFF selector switch for DC supply g) Auto/ manual selector switch h) 1 sets of push button stations for the following. i) Engine start, engine stop, engine hooter ACK, engine reset. j) Auxiliary relays/ contractors/ timer for sequence operating for starting and stopping of engine-1 set k) Hooter for audio alarm-1 No. l) The panel shall have both bottom and top cable entry provisions and panel shall be mounted on pedestal/stand of 300 mm height. Also panel shall have sufficient (min 6 nos per pump set) Fabricator for panel & switch gear: Siemens/ABB/GE	Nos	1.00		0.00
3	Supply, Installation, testing and commissioning of class-C mild steel (MS) pipes (above ground) confirming to IS 1239/3589, with malleable specials such as Tees, elbows, flanges. Including cutting, welding, fixing in/ on walls, ceiling by using suitable rigid supports at 2 meter interval as per drawings. The quoted rate shall also include for pressure test with 16 kgs, chasing/chipping walls, making bore holes in walls/ floor and making them good with filler material and finished in cement mortar etc. complete. Make: Tata/Jindal				0.00
3.1	150 mm dia	Rmt	470.00		0.00
3.2	100mm dia	Rmt	6.00		0.00
3.3	80mm	Rmt	130.00		0.00
3.4	25mm	Rmt	12.00		0.00
4	Supply, Installation, testing and commissioning of class-C mild steel (MS) pipes underground(1.2meter) confirming to IS 1239/3589, with malleable specials such as Tees, elbows, flanges. Including cutting, welding, fixing in/ on walls, ceiling by using suitable supports etc as per drawings. The quoted rate shall also include for pressure test with 16 kgs, chasing/chipping walls, making bore holes in walls/ floor and making them good with filler material and finished in cement mortar etc. complete. Make: Tata/Jindal or equivalent				0.00
4.1	150 mm dia	Rmt	180.00		0.00
4.2	Excavation & filling for underground pipe. Corrosion protection tape shall be wrapped on M.S Pipes to be buried in ground. This corrosion protection tape shall comprise of coal tar/asphalt component supported fabric of organic or inorganic fiber and minimum 4mm thick and conform to requirement of IS: 10221 code of practice for coating and wrapping of underground mild steel pipe line.The Items include filling the excavated earth in trenches and making the top level of trench same as per old floor. Extra excavated earth to be dumped to the nearest dumping ground.	Rmt	180.00		0.00
4.3	PCC for laying underground pipes Ratio 1:3:6, Average depth (3").	Rmt	180.00		0.00
5	Supply, Installation and testing of cast iron Butterfly valve (PN-1.6) slim seal standard lever operated type confirming to IS: 13039 with required flanges, nuts, bolts etc complete with ISI mark. Make: Audco/zoloto/Intervalve				0.00
5.1	150mm	Nos	7.00		0.00
5.2	100mm	No	1.00		0.00
5.3	50mm	No	2.00		0.00
5.4	25mm	No	1.00		0.00

6	Supply and laying of 300 mm dia NP3 RCC Hume pipe with collars for road crossing.	Rmt	40.00		0.00
7	Supply and fixing of clapper type cast iron non return valve 150 mm (PN-1.6) valves	No	1.00		0.00
8	With matching flanges nuts, bolts, washers and gaskets confirming to IS: 5312 with ISI mark of the following size. Make: Audco/Zoloto/Intervall				0.00
8.1	Supply installation testing and commissioning of fire hose box fabricated out of M.S. Sheet of 16 WG housing with angle iron frame double door shall be 750mmx 600mmx 250mm min & fixed with 4mm thick glass, suitable rubber bedding and locking arrangement to accommodate 2 nos hose pipes, 1 no branch pipe and the box should have facility to keep hose box key along with all necessary fixing accessories. Make: fabricated	nos	8.00		0.00
9	Supply and testing of RRL hose pipe as per IS: 636, type 'B' ISI mark ( one length of 15 meter long, 63 mm dia) with male and female heavy duty stainless steel couplings with copper binding. Make New age/Swastik/CRC, Couplings: (Winco/Swastik/New age)	Nos	16.00		0.00
10	Supply and fixing of S.S short branch pipe with 63mm inlet and 20mm dia outlet with hexagonal based nozzle as per IS: 903	Nos	8.00		0.00
11	Supply, erecting and commissioning of landing hydrants 63 mm dia instantaneous pattern single head stainless steel ISI make valve oblique outlet, blank PVC cap, chain as per IS: 5290, Make Newage/ Winco/Omex/Swastik	Nos	10.00		0.00
12	Supply, erecting and commissioning of landing hydrants 63 mm dia instantaneous pattern double head stainless steel ISI make valve oblique outlet, blank PVC cap, chain as per IS: 5290, Make Newage/ Winco/Omex/shahbhogilal	Nos	8.00		0.00
13	Supply, installation testing and commissioning of pressure switches,( 0 to 100psi) including control valve, necessary cabling. Make: Denforce or equivalent	No	1.00		0.00
14	Supply and installation of pressure gauge Make: H.Guru or equivalent	No	6.00		0.00
15	Supply, Installation, testing & commissioning of Sintax tank of 3 layer ISI mark 5000 liters capacity.	No	2.00		0.00
16	Supply, Installation, testing and commissioning of class-C G.I pipes confirming to IS 1239/3589, with malleable specials such as Tees, elbows, flanges. Including cutting, welding, fixing in/ on walls, ceiling by using suitable supports etc as per drawings. The quoted rate shall also include for pressure test with 6 kgs, chasing/chipping walls, making bore holes in walls/ floor and making them good with filler material and finished in cement mortar etc. complete.Make: Tata/Jindal				0.00
16.1	50mm dia	Rmt	60.00		0.00
16.2	25mm dia	Rmt	10.00		0.00
17	Supply, Installation, testing & commissioning of Gate valve 50mm brass ISI mark commissioning of Gate valve 50mm brass ISI mark	Nos	2.00		0.00
18	Supply and fixing of clapper type cast iron non return valve 50mm (PN-1.6) With matching flanges nuts, bolts, washers and gaskets confirming to IS: 5312 with ISI mark of the following size. Make: Audco/Zoloto/Intervall	No	1.00		0.00
19	4Cx120 sq.mm aluminium armoured for main pump in PUMP room at Basement at LHO.Make: Finolex/ Havells	Rmt	3.00		0.00
20	4Cx6 sq.mm copper armoured for jockey pump in Pump room at basement at LHO. Make: Finolex/ Havells	Rmt	4.00		0.00
21	12cx 1.5 square mm copper conductor armoured cable for Diesel engine in pump room in Basement at LHO. Make: Finolex/ Havells.	Rmt	5.00		0.00
22	Supply, Installation testing and commissioning of electrical driven terrace/ booster pump suitable for automatic operation and consisting of following: Complete in all respect as required a) horizontal type, centrifugal pump of cast iron body & bronze impeller with stain less steel shaft, mechanical seal and flow of 900LPM at 45 Mtrs Head confirming to IS:1520 b) 12.5 HP SQ cage induction motor TEFC type suitable for operation on 415V, 3 phase, 50 Hz, AC with IP 65 class of protection doe enclosure, horizontal foot mounted type with class 'F' insulation, confirming to IS 325 c) MS fabricated common base plate, coupling, coupling guard, foundation bolts etc as required, make: as per direction of Engineer In Charge.	No	2.00		0.00
23	Supply, installation, testing and commissioning of weather proof MCB box made out of 16SWG thick CRCA sheet including painting with epoxy powder coating for 15 HP booster pump motor operating in auto mode and also in manual model. The box shall be suitable for terminating of 3 core 4 sq.mm size copper cable. The box shall be mounted on suitable angle frame work of 450 mm height on a PCC pedestal including all materials Outgoings: DOL starter for 15 HP motor with MCB, contractor, over load relay, auto/manual selector switch single phasing preventer, ON/OFF/TRIP indicating lamps and ON/OFF push buttons Make: any reputed fabricator for panel and switch gear: Siemens/ABB/GE	No	2.00		0.00
24	4Cx6 sq.mm copper armoured for booster pump at terrace Main Branch Make: Finolex/ Havells.	Rmt.	20.00		0.00
25	3Cx 1.5 sq.mm copper armoured for booster pump at terrace, Main Branch Make: Finolex/ Havells.	Rmt	10.00		0.00
26	Dismantling of Electrical panel in pump room and disposed as directed by Fire Officer at basement	Job	1.00		0.00
27	Dismantling pump and motor 75 H.P electricity driven fire pump in pump room and disposed as directed.	Job	1.00		0.00
	<b>Total</b>				0.00
	<b>GST (in %)</b>				0.00
	<b>Grand Total</b>				0.00
	In Words:				