

Subject	Proposed / Repair work of State Bank of India at A.O., Sector - 68, Mohali (Pb).				
	BOQ - Fire Fighting System				
S.No	ITEM	Make	QTY	UNIT	Amount
1	Supply, laying, testing and commissioning of following size of MS Pipe class "C" conforming to IS 1239 accessories like tees, bends, reducers, elbows, flanges, jointing and welding in the shaft for the riser and including all angle sport and chilly clamp as per site requirement including painting two coats of primer and two coats of post office red paint etc, complete in all respect.	TATA/Jindar Hisar			
i	MS Pipe 150 mm dia (approximate)		456.00	mtr	
iii	MS Pipe 80 mm dia (approximate)		30.00	mtr	
2	Supply, fixing, testing and commissioning of Single Headed yard hydrant comprising of flanges inlet of 63mm Single female instantaneous outlet of Gunmetal complete cap, chain with accessories as required as per IS 5290 welded to MS Pipe including heavy duty rubber gasket, necessary nuts and bolts complete in all respects as required. (Make- Newage/HD Fire)	New age / Shah Bhogilal	15.00	nos	
3	Supply, Installation, testing & commissioning of Butterfly Valve of steel / cast iron body screw down type confirming to IS 780 hand wheel etc. complete in all respect with standing pressure up to 14 kg. following sizes (Make -	Zoloto/Shah Bhogilal/Kartar			
i	150mm dia		5.00	nos	
ii	100 mm dia		5.00	nos	
iii	80 mm dia		10.00	nos	
4	Supply, Installation, testing & commissioning of suction Y-type strainer confirming to IS-907-1984	Kartar/Hammer/Leader/Prime			
i	150 mm Dia		2.00		
ii	100 mm Dia		3.00		
5	Supply & testing of RRL hose pipe 63 mm 15 mtrs head gun metal coupling with copper binding	New age / Shah Bhogilal	15.00		
6	Supplying & Testing of Fast action nozzle - Dual pressure nozzle. Inlet connection shall be 63 mm size conforming to IS:903	New age / Shah Bhogilal/HD fire	2.00		
7	Supplying & installation of double door hose Cabinet box (Suitable for two fire hose & one Nozzle having transparent acrylic sheet with latch on both doors.	Fabricated as per standard	2.00		
8	Raping coating		20.00	mtr	
9	Associated Civil Work				
10	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 1.5 Mtrs cm in depth, 1.5 mtrs in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge. All kinds of soil. the work includes back filling & compected. The serplus earth shall be rammed in depressed nearby areas within the premises / compus & surface dressing of the ground, disposal of malba to an unobjectionable place / out of MC limits upto all lead.		540.00	Cft	

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11	Trunch / Drain Chambers - internal size 90 cm (W) x 90 cm (D) deep / as required / (each chamber - length 20 feet, width -3 feet, depth 3 feet) Constructing brick masonry trunch in cement mortar 1:4 (1 cement : 4 coarse sand) with FRP cover with frame ISI, foundation concrete 1:4:8 mix (1 cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design : Inside size 90 cm x 90 cm deep excluding cover With common burnt clay F.P.S. (non modular) bricks of class designation 7.5, the work including following to complete the job.- Note for Payment internal length shall be measured.		40.00	Rft	
i	The works including dismantalling upto the required deep or to maintain the adjecent levels of flooring & slop / dismantling of existing flooring / Chequered tiles & base concrete / RCC floor / PCC, preparing of base surface / under floor & disposal of earth / malba from site to an unobjectionable place & out side of municipal Limits including all kind of leads. The work shall be completed in all respects to the entire satisfaction of the Engineer / Architect.				
ii	Providing and fixing in position pre-cast FRP cover with out grating with frame of required shape and approved quality				
iii	Neat Plastering with cm 1:3, 12mm thick suitably mixed with approved water proofing compound.				
iv	Haunching with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) & neat plaster 1:3, 12mm thick suitably.				
v	Removing & refixing, laying and making existing kerb channel with cement concrete 1:3:6 (1 cement: 3 coarse sand:6 graded stone aggregate 20 mm nominal size) over 75mm bed of dry brick ballast 40 mm nominal size, well rammed and consolidated and grouted with fine sand, including finishing the top smooth etc. complete and as per direction of Engineer-in-charge.				
	Total				
	GST extra as per applicable				