

**BOQ - FIRE HYDRANT & SPRINKLER HORIZONTAL LINE AT BASEMENT AT
THE WORLD SPA APARTMENT OWNERS ASSOCIATION SECTOR-30/41 GURGAON (HR)-122001**

SNO	Description of Work	Make	Unit	QTY	Supply		Erection/labour		Total Amount
					Rate	Amount	Rate	Amount	
1	Supply ,Erection and testing of ISI marked Jindal Hissar-make M.S. pipes (Class C - heavy duty) and specials etc. (as per IS:1239 for up to 150 mm dia and IS:3589) for above ground laying for hydrants & Sprinkler system including transportation of materials upto the worksite, cutting the pipes to required length, edge preparation, welding, fixing / erection of pipes including specials i.e.heavy duty bends,heavy tees, heavy reducers, flanges Class E and expansion joints wherever required, washers, nuts, bolts etc. in proper position including all supports. Jointing by welding, aligning the pipe line, providing tapping for pressure gauges and installation of Glycerin Filled Pressure Gauge (0-16kg/cm ²) and for other instruments etc. Hydro pressure testing of system at 1.5 times of operating pressure or 15 kg / sq cm for 24hrs , whichever is higher and as specified, flushing & cleaning by water etc.								
	The quoted rates shall also include square folding for making holes in masonry / RCC slab, wall, chases in wall wherever required & making good the same by sealing the opening to original conditions.								
	Test Certificate (TC) (PIPE) provide during delivery material as site .								
1.1	150MM	Jindal Hissar	Rmt	1500	0	0	0	0	0
1.2	50MM	Jindal Hissar	Rmt	18	0	0	0	0	0
2	Dismantling of existing fire line through Gas cutter, also following all safety precautions during dismantling of horizontal line and stacking properly at designated place provided by the client in the premises .								
2.1	150MM		Rmt	1500	0	0	0	0	0
3	Providing & fixing butterfly valve conforming to IS 13095 PN 16 (Body : Disc : SG Iron , Liner : HT - EPDM) (upto 150mm dia with hand lever operation & above with gear box operation). Including rubber gasket & painting complete as required as per specification.(suitable for test pressure of 24 kg / sqcm) All valve shall be provided with padlock arrangement. (For tower by pass line provision water pressure charge during working)								
3.1	150MM	Zoloto/Advance	Nos	12	0	0	0	0	0


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Technical Manager


Harpreet Singh
Estate Head

16-7-2015


Kamal Batra
Authorized BOM

4	Supply installation, testing and commissioning of Brass Ball valve PN 10-25 rating conforming to I.S. 9890:1981 standards for drain line provision at basement with all required accessories & jointing material like threaded adaptors, unions and pressure testing for water tightness. The installation must be carried out as per the standard procedure.											
4.1	50 MM											
5	Supply and Protection of buried pipework shall be with polymeric corrosion protection tape (minimum 4 mm thick) conforming to IS: 10221, coating and wrapping as per manufacturer's recommendations. Wrapping Coating shall be done of under ground pipe as per requirements at site near tower B4 .		Zaboto	Nos	4	0	0	0	0	0	0	0
6	Fire pipe painting		3M/United	Rmt	20	0	0	0	0	0	0	0
6.1	Internal basement area all pipe's painting with two primer coat by zinc chromate primer and two coats of synthetic enamel fire red color (Pipe size - 150mm dia)		Asian/Berger	Rmt	1500	0	0	0	0	0	0	0
6.2	External area all pipe's painting with two coat Exoxy based by zinc chromate primer and two coats of exoxy based fire red color (Pipe size - 50mm)		Asian/Berger	Rmt	18	0	0	0	0	0	0	0
7	Civil work for fire pipe line laying near tower B4 .			Nil	L/S	1	0	0	0	0	0	0
8	Dia 200mm Core Cutting for provision of water circulation pipe line at both side Pump room			Nil	Job	2						
9	Freight charges			Nil	LOT	1	0	0	0	0	0	0
10	Scrap disposal under vendor scope as per current market scrap rate (Per/Kg)		Scrap	P/K	1	0	0	0	0	0	0	0

Final billing on actual measurement basis / work cordoning at the site

All safety items during the work in vendor scope like :- Safety PPEs ,safety cone,caution tape and covering/cordoning of working area
Electrical cable for welding machine in vendor scope till our power panel.

We shall provide only electricity and water

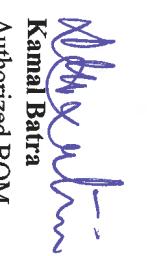
During the work daily basis cleaning in vendor scope after completion of days work


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