

ADVANCED PROTECTION FIRE SYSTEMS

D.no. 18-91/2, Road No.6, Hanumanpet, Malkajiri, Hyd-47.

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TAX INVOICE

M/S.GV Discovery Centre Pvt Ltd,	Bill No:-27	Dt:-08/9/2023
5-4-187/3&4, II nd Floor Soham Mansion	PO NO:-20230708024	
M.G. Road, Secunderabad, Telanagana-500003	PO DATED:-8/7/2023	
Email:waseem@modiproperties.com	GST :-36AMRPP2948R1ZV	
Phone:-9347576914		
GST NO:-36AAHCG4562D1ZP		

SL NO	ABSTRACT DESCRIPTION	Work Order Amount	Work Done Amount
1	Fire Fighting Systems	844760.50	949821.00
2	Pumps and accessories	151690.00	205890.00
3	Sprinkler System	936700.00	1022463.00
	Total	1933150.50	2178174.00
	Basic	1933150.50	2178174.00
	CGST@9%	173983.55	194035.66
	SGST@9%	173983.55	194035.66
	Grand Total	2281117.59	2570245.32
	Difference Amount is	289127.73	
	Round off	289128.00	

In Words:- Two Lakhs Eighty Nine Thousand One Hundred Twenty Eight Only



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i	300 NB		0	Nos.	2,400.00	0.00	0	Nos.	2,400.00	0.00
ii	250 NB		0	Nos.	2,000.00	0.00	0	Nos.	2,000.00	0.00
iii	200 NB		0	Nos.	1,600.00	0.00	0	Nos.	1,600.00	0.00
iv	150 NB		0	Nos.	1,200.00	0.00	0	Nos.	1,200.00	0.00
v	100 NB		0	Nos.	800.00	0.00	0	Nos.	800.00	0.00
vi	80 NB		0	Nos.	650.00	0.00	0	Nos.	650.00	0.00
vii	65 NB		0	Nos.	520.00	0.00	0	Nos.	520.00	0.00
4	Supply, Installation, Testing & commissioning of lever / gear operated D.I Butterfly valves of rating PN 16 with ISI marked complete with nuts, bolts, washers, gaskets, confirming to IS 14846 of following sizes as required. (200NB and above shall be gear operated)									
i	200 NB		3	Nos.	1,600.00	4,800.00	3	Nos.	1,600.00	4,800.00
ii	150 NB		23	Nos.	1,200.00	27,600.00	25	Nos.	1,200.00	30,000.00
iii	100 NB		3	Nos.	800.00	2,400.00	2	Nos.	800.00	1,600.00
iv	80 NB		4	Nos.	640.00	2,560.00	5	Nos.	640.00	3,200.00
v	50 NB		0	Nos.	400.00	0.00	17	Nos.	400.00	6,800.00
5	Supplying, installation testing and commissioning PN-20 C.I. Non-return valve conforming to IS : 5312 with flanged ends (heavy) tested to hydraulic pressure with necessary companion flanges, bolts, nuts, gasket packing and any other spares, as per fire practice etc complete.									
i	150NB		3	Nos.	1,200	3,600.00	3	Nos.	1,200	3,600.00
ii	100 NB		0	Nos.	800	0.00	1	Nos.	800	800.00
iii	80 NB		2	Nos.	640	1,280.00	2	Nos.	640	1,280.00
6	Supplying, installation testing and commissioning Foot valve/strainer with Flanged ends.									
i	a) 150mm dia		0	Nos.	1,200	0.00	0	Nos.	1,200	0.00
	b) 100 mm dia		0	Nos.	800	0.00	1	Nos.	800	800.00
7	Providing and fixing with 5mm thick glassdoor (with M.S. frame 2hr fire rating) of size 1500x910mm or as per architects requirements with center opening for fire hose cabinet. Suitably marked on the outside with the letters "FIREHOSE" including locking arrangement, all consumables & accessories ...etc. complete in all respect as per drawing. All M.S. work to be in Enamel of P.O. Red colour over appropriate primer. (Cost shall be inclusive of providing break glass box containing key for the cabinet along with hammer).									
			0	Nos.	1,500.00	0.00	0	Nos.	1,500.00	0.00




 Ram Lakshmi Reddy
 13/9/23

II Sr. No.	Pumps and accessories Item	Work Order Qty	Unit	Installation		Wrk Done Qty	Unit	Installation	
				Unit Rate	Amount			Unit Rate	Amount
1	Supply, installation, testing & commissioning of TEFC Electric motor of suitable capacity driven appropriate centrifugal end suction fire water pump of 2850LPM @7 Kg/cm2 discharge pressure, 2900 RPM, with common base plate, coupling, anti vortex plate etc. complete as per foundation bolts, earthing, anti vortex plate etc. complete as per specifications and drawing. Pump shall be able to deliver 150% of discharge with minimum 65% rated head with suitable motor for the same with shut off not exceeding 120% Pump shall be suitable as per NPSH required & available. Fire pump shall have C.I. casing, CS diffusers, bronze impeller (hard finished and dynamically balanced) and S.S. (304) Shaft with Mechanical seal. Including the necessary piping connections & fittings, flexible coupling, coupling guard & complete, as per directions of EIC. (The pump should be tested for duty point test at factory).	2	Nos.	25,000.00	50,000.00	2	Nos.	25,000.00	50,000.00
2	Supply, Installation, Testing & commissioning of diesel Engine driven stand by pump, centrifugal end suction type having capacity 2850LPM and 7bar head. Fire pump shall have C.I. casing, CS diffusers, bronze impeller (hard finished and dynamically balanced), CS Shaft with mechanical seal and anti vortex plate. The installation shall be complete with necessary foundation, with frame and fittings. The pump shall be coupled to suitable HP of Diesel engine radiator water cooled type with speed of 1500 RPM and complete set shall be mounted on common base frame. Batteries & battery leads with stand. Fuel tank (for 6 Hrs. operation) with stand & gauge glass, Fuel piping with valves. The quoted rate shall include radiator water cooling piping (if required) coupling guard and other standard accessories, MS fabricated common base plates and foundation bolts, anti vibration mounting, etc. complete. Pump shall be capable of furnishing Not less than 150% of rated capacity at a head of Not less than 65% of the rated head. The shut off head shall Not exceed 120% of rated head. heat exchanger with necessary piping connections & fittings, flexible coupling, coupling guard & exhaust pipe connection complete, as per directions of EIC (The pump should be tested for duty	1	Nos.	40,000.00	40,000.00	1	Nos.	40,000.00	40,000.00
3	Installation, testing & commissioning electric motor driven pump of TEFC Electric motor of suitable capacity KW, Motor driven vertical inline type single stage fire water pump of 180LPM @7Kg/cm2 discharge pressure, 2900 RPM, with common base plate, coupling, coupling guard, power & control cables, anti vibration mounts, foundation bolts, earthing, antivortex plate etc. complete as per specifications. Pump shall be able to deliver 150% of discharge with minimum 65% rated head with suitable motor for the same with shut off minimum 120% Pump shall be suitable as per NPSH required & available.	2	Nos.	15,000.00	30,000.00	2	Nos.	15,000.00	30,000.00



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8	Supply, installation and testing of additional length of exhaust pipes Class C with 75 mm thick aluminium & mineral wool insulation and density of insulation 48kg/m ³ with 26 gauge aluminium sheet with long radius bend from residential silencer with necessary clamps, fixtures, civil works and 2 coat painted with heat resistant, rust proof, bituminous paint of approved colors to full height, in stages of following sizes including suitable rain guard for top. Fixing shall be done with proper GI clamps, expansion bolts, rigid supports, also painted, fixed on the wall / inside the duct etc .complete, as instructed by the Engineer.	0	R.M	1,200.00	0.00	0	R.M	1,200.00	0.00
9	Air release valve 25NB	11	Nos.	250.00	2,750.00	7	Nos.	250.00	1,750.00
9	Supply, installation, testing & commissioning of 50NB header assembly having 6 Pressure switches range of (1 to 22 bar) for pump sets with Ball valves, Fittings like unions / colors / reducers etc. with IP 33 protection, complete with making provision for draining.	5	Lot	1,500.00	7,500.00	5	Lot	1,500.00	7,500.00
10	Supply, Installation, Testing & commissioning of Glycerine filled Pressure gauges of 0 - 20 kg/cm ² range, 6 inch dia dial with Ball valves, siphon, Fittings like unions / colors / reducers etc.	6	Nos.	300.00	1,800.00	6	Nos.	300.00	1,800.00
11	Supply, Installation, Testing & commissioning of double flanged vertical pressure vessel with bladder of 200Ltrs, PN16 complete with stand and mounting brackets, drain valves, flanged inlet and outlet connections, 25 NB Drain valve.	1	Nos.	3,000.00	3,000.00	1	Nos.	3,000.00	3,000.00
12	Supply, Installation, Testing & commissioning of MS flanged Basket strainer, PN 16 with SS mesh, suitable flanges, nuts, bolts, washer,gaskets etc. complete as required.Flanged drilled to ANSI B16.5 # 150.	0	Nos.	3,200.00	0.00	0	Nos.	3,200.00	0.00
i	400 NB	0	Nos.	2,800.00	0.00	0	Nos.	2,800.00	0.00
ii	350 NB	0	Nos.	2,400.00	0.00	0	Nos.	2,400.00	0.00
iii	300 NB	1	Nos.	2,000.00	2,000.00	1	Nos.	2,000.00	2,000.00
iv	250 NB	0	Nos.	800.00	0.00	0	Nos.	800.00	0.00
v	100 NB								
13	SS expansion bellows of PN16 rating for pump suction and discharge of following sizes	0	Nos.	600.00	0.00	0	Nos.	600.00	0.00
i	250 NB	3	Nos.	500.00	1,500.00	3	Nos.	500.00	1,500.00
ii	200NB	3	Nos.	500.00	1,500.00	6	Nos.	500.00	3,000.00
iii	150 NB	0	Nos.	400.00	0.00	0	Nos.	400.00	0.00
iv	100 NB	2	Nos.	320.00	640.00	2	Nos.	320.00	640.00
	80 NB	0	Nos.	300.00	0.00	0	Nos.	300.00	0.00
	65 NB								
14	Non slam type Check valve Ductile iron body FM approved. Complete with flanges as per ANSI 150# / grooved couplings washers, nuts, bolts etc.								



✓ Ramana Prady
13/9/23

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Spanish Bay
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