

Estimate for repairing works of Firefighting system installed at ESI DC, Jeedimetla and ESI Hospital, Ramachandrapuram, Hyderabad

Location: ESI Diagnostic centre Jeedimetla, Hyderabad, Telangana

S.No	DSR	Description of Items	Unit	Qty	Rate	Amount
	DSR EnM 2022/ 17.2.4	Supplying, installation, testing & commissioning of intelligent analog addressable photothermal detector complete with mounting base complete as required.	Each	15	2858	42870
	DSR EnM 2022/ 18.6.2	Providing, replacing, laying, testing & commissioning of 'C' class heavy duty MS Pipe conforming to IS 1239/3589 i/c fittings like elbows, tees, flanges, tapers, nuts bolts, gaskets etc. in ground including welding, excavation & providing cement concrete blocks as supports, anticorrosive treatment with coaltar/asphalt tape as per IS 10221, refilling the trench etc. of following sizes complete as required. 150mm dia	m	18	3804	68472
	DSR EnM 2022/ 18.18.2	Supplying & fixing 63 mm dia gun metal short branch pipe with 20 mm nominal internal diameter size nozzle conforming to IS 903 suitable for instantaneous connection to interconnect hose pipe coupling as required : Stainless Steel (Grade 304)	Nos	2	1648	3296
	DSR EnM 2022/ 18.22	Providing & fixing of pressure switch in M.S. pipe line including connection etc. as required.	Each	2	1546	3092
		Subtotal-I				117730
		Add Cost Index @10.28%				12103
		Subtotal-II				129833
		GST adjustment from 12% to 18% M.F 0.0633				8218
		Total-A				138051

S.No	DSR	Description of Items	Unit	Qty	Rate	Amount
	NDSR	Carrying out B-Check on 65 HP Fire Diesel Engine, Eng. S.No:-4H.2288.28/ 1420013, Engine model No.: 4R1040, Make: Kirloskar. (Replacement of consumbles and spares like Engine oil / Lube oil, Coolant oil, Oil filters & cartridges, Fuel filters & cartridges, Fuel pre-filter assembly, Fuel filter assembly, Air filter, Air filters assembly, Air cleaner primary element & safety element and Spinon preline filter & cartridge, labour costs etc., which are included in the scope of supply)	Job	1	12000	12000


	NDSR	Carrying out repair works on 65 HP Fire Diesel Engine Pump, Eng. S.No:-4H.2288.28/ 1420013, Engine model No.: 4R1040, Make: Kirloskar. (Replacement of NDE bearings, DE bearings, oil seal, Mechanical seal, Gland pack, Shaft alignment, re-commissioning, labour etc., which are included in the scope of supply).	Job	1	48000	48000
	NDSR	Misc repair works/ consumbles like replacement of landing valve wheels (3Nos), rubber gasket (for 10 no valves), GI bolts, nuts, washers (10 sets), cutting the pipelines etc., as required at the site.	LS	1	3000	3000
	NDSR	Buyback of removed battery of 12 V, 150 AH	No	1	-3000	-3000
		Subtotal				60000
		GST @18%				10800
		Total-B				70800
S.No	TG SR 2025-26	Description of Items	Unit	Qty	Rate	Amount
	ELEC- 11.7.30	Supply and fixing of hose cabinet of size 750mm X 600mm x 250mm made of No 16 gauge SWG CRCA sheet with 6mm thick glazed glass door including necessary locking arrangement suitable to accommodate 2 Nos 15 mtr long Hose pipe, 1 No branch pipe, mounted on wall OR raised brick platform and duly painted with Post office red externally and white internally with synthetic enamel paint complete in all respect, for external hydrant as required. Make: Mini Max / Safex / Newage / Winco / Newtech / Padmini / Kartar	No	4	6195	24780
	ELEC- 13.2.3.b	Supply and fixing of 12 V, 150AH AMF/ DG starter battery including wire leads. Makes : Amar Raja (Power Zone) or Equivalent model of Exide / Panasonic / Gotech.	No	1	14548	14548
		Subtotal				39328
		CPOH @15%				5899
		Subtotal-I				45227
		GST @18%				8141
		Total-C				53368

Location: ESI Hospital Ramachandrapuram, Hyderabad

S.No	DSR	Description of Items	Unit	Qty	Rate	Amount
	DSR EnM 2022/ 17.2.4	Supplying, installation, testing & commissioning of intelligent analog addressable photothermal detector complete with mounting base complete as required.	Nos	10	2858	28580
	DSR EnM 2022/ 18.6.2	Providing, replacing, laying, testing & commissioning of 'C' class heavy duty MS Pipe conforming to IS 1239/3589 i/c fittings like elbows, tees, flanges, tapers, nuts bolts, gaskets etc. in ground including welding, excavation & providing cement concrete blocks as supports, anticorrosive treatment with coaltar/asphalt tape as per IS 10221, refilling the trench etc. of following sizes complete as required. 150mm dia	m	18	3804	68472
	DSR EnM 2022/ 18.10.2	Supplying and fixing single headed internal/ external hydrant valve with instantaneous Gunmetal/ Stainless Steel coupling of 63 mm dia with cast iron wheel ISI marked conforming to IS 5290 (Type -A) with blank Gunmetal/ Stainless Steel cap and chain as required : Single headed Stainless steel	Set	2	6139	12278
	DSR EnM 2022/ 18.12.7	Supplying, fixing, testing & commissioning of double flanged sluice valve of rating PN 1.6 with non rising spindle, bronze/gun metal seat, ISI marked complete with nuts, bolts, washers, gaskets and conforming to IS 780 of following sizes as required : 200mm dia	Set	1	39332	39332
	DSR EnM 2022/ 18.22	Providing & fixing of pressure switch in M.S. pipe line including connection etc. as required.	Each	1	1546	1546
		Subtotal-I				150208
		Add Cost Index @10.28%				15441
		Subtotal-II				165649
		GST adjustment from 12% to 18% M.F 0.0633				10486
		Total-D				176135

S.No	SR	Description of Items	Unit	Qty	Rate	Amount
	NDSR	Carrying out B-Check on 72 HP Fire Diesel Engine, Eng. S.No:-482709.22/ 2020031, Engine No.: 4R1040, Make: Kirloskar. (Replacement of consumbles and spares like Engine oil / Lube oil, Coolant oil, Oil filters & cartridges, Fuel filters & cartridges, Fuel pre-filter assembly, Fuel filter assembly, Air filter, Air filter assembly, Air cleaner primary element & safety element and Spinon preline filter & cartridge, labour etc., which are included in the scope of supply).	Job	1	12000	12000
	NDSR	Carrying out repair works on 72 HP Fire Diesel Engine Pump and panel, Eng. S.No:-482709.22/ 2020031, Engine No.: 4R1040, Make: Kirloskar. (Replacement of NDE bearings, DE bearings, oil seal, Mechanical seal, Gland pack, Shaft alignment, re-commissioning, Battery charger, relays, contacts, labour etc., which are included in the scope of supply).	Job	1	52000	52000
	NDSR	Misc repair works/ consumbles like replacement of landing valve wheels (3Nos), rubber gasket (for 10 no valves), GI bolts, nuts, washers (10 sets), cutting the pipelines etc., as required at the site.	LS	1	3000	3000
	NDSR	Buyback of removed battery of 12 V, 150 AH	No	1	-3000	-3000
		Subtotal				64000
		GST @18%				11520
		Total-E				75520
S.No	TG SR 2025-26	Description of Items	Unit	Qty	Rate	Amount
	ELEC-11.7.30	Supply and fixing of hose cabinet of size 750mm X 600mm x 250mm made of No 16 gauge SWG CRCA sheet with 6mm thick glazed glass door including necessary locking arrangement suitable to accommodate 2 Nos 15 mtr long Hose pipe, 1 No branch pipe, mounted on wall OR raised brick platform and duly painted with Post office red externally and white internally with synthetic enamel paint complete in all respect, for external hydrant as required. Make: Mini Max / Safex / Newage / Winco / Newtech / Padmini / Kartar	No	4	6195	24780

ELEC-13.2.3.b	Supply and fixing of 12 V, 150AH AMF/ DG starter battery including wire leads. Makes : Amar Raja (Power Zone) or Equivalent model of Exide / Panasonic / Gotech.	No	1	14548	14548
	Subtotal				39328
	CPOH @15%				5899
	Subtotal-I				45227
	GST @18%				8141
	Total-F				53368
	Grand Total= A+B+C+D+E+F				567242
	Contingencies @5%				28362
	Loabour cess @1%				5672
	Estimated amounts to Rs.				601277


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