

Government eProcurement System
Created By: Keishing Honpam
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Tender Title: Providing Reserve Lounge and Improvement Works at Old RED Bldg., Guwahati Airport .SH Electrical Works for Provision of Intelligent Addressable Fire Alarm and Detection System and Fire Hydrant System-2nd call.
Tender ID: 2021_AAI_94610_1

Tender Inviting Authority: Airport Authority of India

Name of Work: Providing Reserve Lounge and Improvement Works at Old RED Bldg., Guwahati Airport (SH: Electrical Works for Provision of Intelligent Addressable Fire Alarm & Detection System and Fire Hydrant System)-2nd call.

Contract No: 2021_AAI_94610_1

SCHEDULE OF WORK / ITEM(S)

Sl.No	Description of Work / Item(s)	No.of Qty	Units	GLYPTIC(GSTN-19AAMFG0478J1ZY)		Ponmani International (India) Pvt Ltd(GSTN-33AADCP6242R2ZZ)		CENTRE TAP ENGINEERING(GSTN-24AGPPP8172K1ZP)		DOGRA AND DOGRA ENTERPRISES(GSTN-07AIFPD1861P2Z1)		Fire Equipments Supply Agency(GSTN-NA)		L1 Amount	L1 Vendor
				Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount		
1.00	SH-I : FIRE ALARM & DETECTION SYSTEM														
2.00	Supply, Installation, Testing & Commissioning of UL /EN listed (latest version) Modular Microprocessor based expandable intellegent Addressable Type Fire Alarm Control Panel of 3 (three) loop, with minimum 320 character graphics / LCD display with touch screen or other keypad and minimum 4000 events history log in the non volatile memory (EPROM) ,The panel should be equipped with loop capacity to take minimum 240 intellegent addressable detectors/ devices (In any combination) in one loop. Four access levels, capable of taking Protocol Devices, Graphical Display, sufficient numbers of programmable relay controls for controlling ventilation fan, fire pump room, monitoring of fire spri nkler and fire hydrant pump, 230 volts, 50 Hz AC power supply, automatic battery charger, 24 volts sealed maintenance free lead acid batteries sufficient for 2 hours normal working and then be capable of operati ng the system for 30 minutes during an emergency / fault conditions along with battery stand as required. The panel shall have facility for seamless integration with PA system (For Giving triger Signal to Start pre-recorded Digital Voice Evacuation from PA system in case of fire). The panel shall be compatible for Building Management System with open protocol BACNET / MODBUS etc. as per specification, complet e as required.	1.00	Each	320384.00	320384.00	287566.00	287566.00	219300.00	219300.00	144000.00	144000.00	191644.00	191644.00	144000.00	DOGRA AND DOGRA ENTERPRIS ES

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				Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	L1 Amount	L1 Vendor
3.00	Supply, Installation, Testing & commissioning of UL / EN listed (latest version) intelligent addressable multi criteria detector {Smoke + heat } with inbuilt fault isolator / isolator base and with unique optical sensing chamber, visible LED, fully coated circuit board, superior RF / Transient protection suitable for 2 wires loop connection, complete with plug into common separate base & housing constructed of LEXAN (or polycarbonate) complete with connections etc. as required and to be installed below / above false ceiling roof and concealed space and as per enclosed specifications ,complete as required. (Cost of plug in common base shall deemed to be included in cost of detectors)	396.00	Each	2750.00	1089000.00	3229.00	1278684.00	2700.00	1069200.00	2800.00	1108800.00	2620.00	1037520.00	1037520.00	Fire Equipments Supply Agency
4.00	Supply, installation, testing and commissioning of UL / EN listed (Latest Version) intelligent Addressable type Heat Detector (Fixed cumulative rate of rise type) with inbuilt fault isolator / isolator base with max. triggering temperature programmable from 58 degree C to 69 degree C complete with all fixing accessories like base, base box, self adhesive sticker indicating loop number and address etc . to be installed below / above false ceiling, roof and concealed space, etc. interconnecting to loop cable, etc. as per specification complete as required.	18.00	Each	1996.00	35928.00	2969.00	53442.00	2700.00	48600.00	2400.00	43200.00	2685.00	48330.00	35928.00	GLYPTIC
5.00	Supply, installation, testing and commissioning of UL / EN listed (latest version) Intelligent addressable Control Module/ Relay Module (output module) with inbuilt fault isolator / isolator module for tripping of AHU & Ventilation / pressurisation fans / hooter complete with termination etc. complete as required and as per enclosed specifications.	6.00	Each	4040.00	24240.00	2573.00	15438.00	4000.00	24000.00	3700.00	22200.00	6888.00	41328.00	15438.00	Ponmani International (India) Pvt Ltd
6.00	Supply, installation, testing and commissioning of UL / EN listed (Latest Version) Response Indicators for getting fire indications of detectors i/c mounting boxes installed above false ceiling area interconnecting to loop cable etc. as per specification complete as required.	22.00	Each	541.00	11902.00	250.00	5500.00	400.00	8800.00	650.00	14300.00	325.00	7150.00	5500.00	Ponmani International (India) Pvt Ltd

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				Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount		
7.00	Supply, Installation, Testing & commissioning of UL / EN listed (latest version) intelligent addressable Manual call station (Resetable pull / push type) suitable for semi flus mounting, IP 54 for indoor use & IP 65 for outdoor use with inbuilt fault isolator / isolator module with doublegang outlet box, equipment for key operated test reset lock, electronic or rotary switches for address setting. Manual pull station shall be connected with two wire to SLC loop of Fire Control Panel. Cover shall be made out of LEXAN (or polycarbonate equivalent) with clear operating instruction and the word Fire appearing on the front complete with connections etc. as required and as per enclosed specifications.	12.00	Each	4092.00	49104.00	2574.00	30888.00	4000.00	48000.00	3300.00	39600.00	3150.00	37800.00	30888.00	Ponmani International (India) Pvt Ltd
8.00	Supply, installation, testing and commissioning of UL / EN listed (latest version) loop powered addressable Hooter-cum-strobe with inbuilt fault isolator / isolator module with adjustable sound level in the range of min. 90 db to Max. 120 db at 1M distance complete with termination etc. as required and as per enclosed specification.	9.00	Each	8994.00	80946.00	4915.00	44235.00	2500.00	22500.00	6300.00	56700.00	3450.00	31050.00	22500.00	CENTRE TAP ENGINEERING
9.00	Providing, installation, testing & commissioning of UL / EN listed (Latest Version) Monitor Module / input module with inbuilt fault isolator / isolator module (for monitoring different electrical / mechanical device etc) as per specifications.	3.00	Each	2610.00	7830.00	2574.00	7722.00	2500.00	7500.00	3500.00	10500.00	6888.00	20664.00	7500.00	CENTRE TAP ENGINEERING
10.00	Supplying & drawing of 2 x 1.5 sqmm FRLS unarmoured cable, 600 / 1000V rated with annealed copper conductor as per applicable IS standard complete in existing surface / recessed steel / PVC conduit as required.	1690.00	Metre	122.00	206180.00	102.00	172380.00	130.00	219700.00	141.00	238290.00	82.00	138580.00	138580.00	Fire Equipments Supply Agency
11.00	SH-II : FIRE HYDRANT SYSTEM														
12.00	Providing 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. a. 150 mm. Dia	150.00	Metre	3979.00	596850.00	2650.00	397500.00	2600.00	390000.00	2400.00	360000.00	2938.00	440700.00	360000.00	DOGRA AND DOGRA ENTERPRISES

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				Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount		
13.00	Providing, laying, testing & commissioning of 'C' class heavy duty MS pipe conforming to IS 3589/IS 1239 including Welding, fittings like elbows, tees, flanges, tapers, nuts bolts, gaskets etc. and fixing the pipe on the wall/ceiling with suitable clamp/support frame and painting with two or more coats of synthetic enamel paint of required shade complete as required : a. 50 mm dia	164.00	Metre	866.00	142024.00	1250.00	205000.00	1600.00	262400.00	1050.00	172200.00	913.00	149732.00	142024.00	GLYPTIC
14.00	Providing, laying, testing & commissioning of 'C' class heavy duty MS pipe conforming to IS 3589/IS 1239 including Welding, fittings like elbows, tees, flanges, tapers, nuts bolts, gaskets etc. and fixing the pipe on the wall/ceiling with suitable clamp/support frame and painting with two or more coats of synthetic enamel paint of required shade complete as required : b. 80 mm dia	78.00	Metre	1320.00	102960.00	1550.00	120900.00	1800.00	140400.00	1400.00	109200.00	1467.00	114426.00	102960.00	GLYPTIC
15.00	Providing, laying, testing & commissioning of 'C' class heavy duty MS pipe conforming to IS 3589/IS 1239 including Welding, fittings like elbows, tees, flanges, tapers, nuts bolts, gaskets etc. and fixing the pipe on the wall/ceiling with suitable clamp/support frame and painting with two or more coats of synthetic enamel paint of required shade complete as required : c. 100 mm dia	38.00	Metre	1881.00	71478.00	1950.00	74100.00	2200.00	83600.00	1600.00	60800.00	2135.00	81130.00	60800.00	DOGRA AND DOGRA ENTERPRIS ES
16.00	Supplying and fixing single headed internal 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 Gunmetal	3.00	Set	5106.00	15318.00	9500.00	28500.00	7000.00	21000.00	7500.00	22500.00	5875.00	17625.00	15318.00	GLYPTIC
17.00	Supplying and fixing Single headed external yard hydrant valve with 1 No. 63 mm dia instantaneous FM Gunmetal/Stainless Steel coupling and cast iron wheel, ISI marked, conforming to IS 5290 (type A) with blank Gunmetal/Stainless Steel cap and chain as required : Single headed Gunmetal	2.00	Set	5563.00	11126.00	8500.00	17000.00	7000.00	14000.00	7500.00	15000.00	5875.00	11750.00	11126.00	GLYPTIC
18.00	Supplying, fixing, testing and commissioning of butterfly valve of PN 1.6 rating with bronze / gunmetal seat duly ISI marked complete with nuts, bolts, washers, gaskets conforming to IS 13095 of following sizes as required : a. 50 mm dia	3.00	Set	1943.00	5829.00	8500.00	25500.00	2500.00	7500.00	1300.00	3900.00	3862.00	11586.00	3900.00	DOGRA AND DOGRA ENTERPRIS ES

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				Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount		
19.00	Supplying, fixing, testing and commissioning of butterfly valve of PN 1.6 rating with bronze / gunmetal seat duly ISI marked complete with nuts, bolts, washers, gaskets conforming to IS 13095 of following sizes as required : b. 100 mm dia	3.00	Set	2742.00	8226.00	10500.00	31500.00	4000.00	12000.00	3100.00	9300.00	5463.00	16389.00	8226.00	GLYPTIC
20.00	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: 150mm dia	1.00	Set	16633.00	16633.00	17500.00	17500.00	15000.00	15000.00	4500.00	4500.00	11208.00	11208.00	4500.00	DOGRA AND DOGRA ENTERPRISES
21.00	Providing, installation, testing and commissioning of non-return valve of following sizes confirming to IS: 5312 complete with rubber gasket, GI bolts, nuts, washers etc.as required : 100mm dia	2.00	Set	12919.00	25838.00	12500.00	25000.00	6000.00	12000.00	3500.00	7000.00	6169.00	12338.00	7000.00	DOGRA AND DOGRA ENTERPRISES
22.00	Supplying and fixing 63 mm dia, 15 m long RRL hose pipe with 63 mm dia male and female couplings duly bound with GI wire, rivets etc. conforming to IS 636 (type-A) as required : Gun Metal	10.00	Set	5994.00	59940.00	6450.00	64500.00	7000.00	70000.00	4900.00	49000.00	5888.00	58880.00	49000.00	DOGRA AND DOGRA ENTERPRISES
23.00	Supplying and fixing first-aid Hose Reel with MS construction spray painted in post office red, conforming to IS 884 complete with the following as required.20 mm nominal internal dia water hose thermoplastic (Textile reinforced) type -2 as per IS :20 mm nominal internal dia water hose thermoplastic (Textile reinforced) type -2 as per IS:12585 20 mm nominal internal dia gun metal globe valve & nozzle. Drum and brackets for fixing the equipments on wall. Connections from riser with 25 mm dia stop gun metal valve & M.S. Pipe and socket: 30 m	3.00	Set	6531.00	19593.00	10500.00	31500.00	10000.00	30000.00	10500.00	31500.00	8999.00	26997.00	19593.00	GLYPTIC
24.00	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 : Gun metal	5.00	Each	2930.00	14650.00	2850.00	14250.00	2000.00	10000.00	2100.00	10500.00	3215.00	16075.00	10000.00	CENTRE TAP ENGINEERING
25.00	Supplying and fixing of fire brigade connection of cast iron body with gun metal male instantaneous inlet couplings complete with cap and chain as reqd. for suitable dia MS pipe connection conforming to IS 904 as required : 2 way-100 mm dia M.S. Pipe	1.00	Set	4264.00	4264.00	26500.00	26500.00	13000.00	13000.00	3200.00	3200.00	4421.00	4421.00	3200.00	DOGRA AND DOGRA ENTERPRISES

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				Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	L1 Amount	L1 Vendor
26.00	Supplying and fixing air vessel made of 250 mm dia, 8 mm thick MS sheet, 1200 mm in height with air release valve on top and flanged connection to riser, drain arrangement with 25 mm dia gun metal wheel valve with required accessories, pressure gauge and painting with synthetic enamel paint of approved shade as required.	1.00	Set	83651.00	83651.00	36500.00	36500.00	30000.00	30000.00	15000.00	15000.00	16500.00	16500.00	15000.00	DOGRA AND DOGRA ENTERPRISES
27.00	Supply and fixing of weather proof cabinet to enclose 2 nos of RRL hose pipes and 1 no of short branch pipe for both indoor and outdoor use. Size: 1000mm X 1200mm X 300mmD	5.00	Each	9578.00	47890.00	9500.00	47500.00	4500.00	22500.00	7500.00	37500.00	4395.00	21975.00	21975.00	Fire Equipments Supply Agency
28.00	SH-III : FIRE EXTINGUISHER														
29.00	Supply, installation, testing and commissioning ISI marked (IS:15683) Fire Extinguisher, Carbon-di-oxide type capacity 4.5 Kg. Flat base including valve, discharge hose of not less than 10 mm dia, 1M long and complete in all respects including initial fill with CO2 gas conforming to IS:307-1966 and wall suspension bracket complete as required & as per specifications.	9.00	Each	6010.00	54090.00	6450.00	58050.00	5500.00	49500.00	6500.00	58500.00	5003.00	45027.00	45027.00	Fire Equipments Supply Agency
30.00	Supply, installation, testing and commissioning ISI marked (IS:15683) portable fire extinguisher, water (gas pressure) type capacity 9 kg with gun metal cap and nozzle and complete in all respects including initial fill and wall suspension brackets complete as required & as per specifications.	9.00	Each	2295.00	20655.00	2750.00	24750.00	2500.00	22500.00	2700.00	24300.00	1650.00	14850.00	14850.00	Fire Equipments Supply Agency
31.00	Supply, installation, testing and commissioning of 6kg ABC (Powder Type) Fire Extinguisher, Mild Steel Cylinders ISI marked fitted with pressure indicating gauge, internal tube, squeeze lever type valve fully charged with ABC 90 powder (Mono Ammonium Phosphate) pressured by Nitrogen complete in all respects including wall suspension bracket complete and conforming to IS:15683 as required and as per specifications.	18.00	Each	1963.00	35334.00	2450.00	44100.00	3000.00	54000.00	2900.00	52200.00	1550.00	27900.00	27900.00	Fire Equipments Supply Agency

Total in Figures	3161863.00	3186005.00	2927000.00	2723690.00	2653575.00
Lowest Amount Quoted BY: Fire Equipments Supply Agency(2653575.00)					

BOQ Summary Details Tender Title: Providing Reserve Lounge and Improvement Works at Old RED Bldg., Guwahati Airport .SH Electrical Works for Provision of Intelligent Addressable Fire Alarm and Detection System and Fire Hydrant System-2nd call. Tender ID: 2021_AAI_94610_1				
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Sheet Name	SI.No	Bidder Name	Amount	Bid Rank
BoQ1	1	Fire Equipments Supply Agency	2653575.00	L1
	2	DOGRA AND DOGRA ENTERPRISES	2723690.00	L2
	3	CENTRE TAP ENGINEERING	2927000.00	L3
	4	GLYPTIC	3161863.00	L4
	5	Ponmani International (India) Pvt Ltd	3186005.00	L5