

Government eProcurement System  
Created By: B. NAGESWARA RAO  
Created Date/Time: 22-Jun-2020 04:38 PM  
Tender Title: ARMO of Electrical and Mechanical Installations 2020 22 CMC of all types of Package and Unitary AC units, Water Coolers and Water Purifiers at all locations of AAI,  
Visakhapatnam Airport  
Tender ID: 2020\_AAI\_48467\_1

Tender Inviting Authority: Asst.G.M. (ENGG-ELECT), AIRPORTS AUTHORITY OF INDIA, VISAKHAPATNAM AIRPORT, VISAKHAPATNAM.

Name of Work: ARMO of Electrical and Mechanical Installations 2020-22 at Visakhapatnam Airport.

SH : CMC of all types of Package and Unitary AC units, Water Coolers and Water Purifiers at all locations of AAI, Visakhapatnam Airport.

Contract No: 2020\_AAI\_48467

SCHEDULE OF WORK / ITEM(S)

| Sl.No | Description of Work / Item(s)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | No.of Qty | Units | Estimated Rate | Manish Electricals |          | Standard Airconditioning and Refrigeration Engineers |           | Zamzam Refrigeration and airconditioning |          | SHRADDHA ENGINEERING AND FACILITY SERVICES |          | L1 Amount | L1 Vendor                                  |
|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------|----------------|--------------------|----------|------------------------------------------------------|-----------|------------------------------------------|----------|--------------------------------------------|----------|-----------|--------------------------------------------|
|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |       |                | Rate               | Amount   | Rate                                                 | Amount    | Rate                                     | Amount   | Rate                                       | Amount   |           |                                            |
| 1.00  | All inclusive annual comprehensive maintenance contract for 11TR floor mounted aircooled package AC units of Bluestar make at MSSR yarada hills Visakhapatnam Airport consisting of Indoor unit Out door units all other associated accessories by carryingout preventive maintenance, attending to complaints/ breakdowns, by providing all spares required, manpower, tools to ensure the serviceability of the unit around the clock and all days including sundays and holidays as per the special conditions of contract and particular specifications attached.<br>For 1st year                                          | 2.00      | Nos   |                | 25000.00           | 50000.00 | 51468.00                                             | 102936.00 | 34188.00                                 | 68376.00 | 20000.00                                   | 40000.00 | 40000.00  | SHRADDHA ENGINEERING AND FACILITY SERVICES |
| 2.00  | All inclusive annual comprehensive maintenance contract for 11TR floor mounted aircooled package AC units of Bluestar make at MSSR yarada hills Visakhapatnam Airport consisting of Indoor unit Out door units all other associated accessories by carryingout preventive maintenance, attending to complaints/ breakdowns, by providing all spares required, manpower, tools to ensure the serviceability of the unit around the clock and all days including sundays and holidays as per the special conditions of contract and particular specifications attached.<br>For 2nd year                                          | 2.00      | Nos   |                | 27000.00           | 54000.00 | 53800.00                                             | 107600.00 | 34188.00                                 | 68376.00 | 20000.00                                   | 40000.00 | 40000.00  | SHRADDHA ENGINEERING AND FACILITY SERVICES |
| 3.00  | All inclusive annual comprehensive maintenance contract for 9.0 TR Precision type of three phase AC units of Uniflair make at MSSR yarada hills Visakhapatnam Airport consisting of Indoor unit, Out door units, associated accessories by carryinout preventive maintenance, attending to complaints/ breakdowns, maintaining of records by providing manpower, tools all spares, consumables and cleaning materials, to ensure the serviceability of the unit around the clock and all days including sundays and holidays as per the special conditions of contract and particular specifications attached.<br>For 1st year | 1.00      | Nos   |                | 16000.00           | 16000.00 | 76800.00                                             | 76800.00  | 27972.00                                 | 27972.00 | 18500.00                                   | 18500.00 | 16000.00  | Manish Electricals                         |

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|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----|
| 4.00 | All inclusive annual comprehensive maintenance contract for 9.0 TR Precision type of three phase AC units of Uniflair make at MSSR yarada hills Visakhapatnam Airport consisting of Indoor unit, Out door units, associated accessories by carryinout preventive maintenance, attending to complaints/ breakdowns, maintaining of records by providing manpower, tools all spares, consumables and cleaning materials, to ensure the serviceability of the unit around the clock and all days including sundays and holidays as per the special conditions of contractand particular specifications attached.<br>For 2nd year | 1.00  | Nos |
| 5.00 | All inclusive annual comprehensive maintenance of vertical type (Floor mounted) airconditioners of different makes of following capacity at different locations by carrying out Preventive maintenance Inspections, attending to complaints / breakdowns maintaining records by providing trained manpower, tools spare parts, consumables cleaning materials etc. complete as required as per enclosed Preventive maintenance Schedule, Special conditions of contract and Particular specifications attached.<br>a) 3.5 TR / 3.0 TR, three phase, Floor-mounted/vertical Indoor unit type<br>For 1st year                   | 17.00 | Nos |
| 6.00 | All inclusive annual comprehensive maintenance of vertical type (Floor mounted) airconditioners of different makes of following capacity at different locations by carrying out Preventive maintenance Inspections, attending to complaints / breakdowns maintaining records by providing trained manpower, tools spare parts, consumables cleaning materials etc. complete as required as per enclosed Preventive maintenance Schedule, Special conditions of contract and Particular specifications attached.<br>a) 3.5 TR / 3.0 TR, three phase, Floor-mounted/vertical Indoor unit type<br>For 2nd year                   | 18.00 | Nos |
| 7.00 | All inclusive annual comprehensive maintenance of Split type (Hi-wall/ floor mounted) airconditioners of different makes of following capacity at different locations by carrying out Preventive maintenance Inspections, attending to complaints / breakdowns maintaining records by providing trained manpower, tools spare parts, consumables cleaning materials etc. complete as required as per enclosed Preventive maintenance Schedule, Special conditions of contract and Particular specifications attached.<br>b) 2.0 TR, Single phase, High wall Indoor & Outdoor unit type<br>For 1st year                        | 21.00 | Nos |

|          |           |          |           |          |           |          |           |           |                                                                    |
|----------|-----------|----------|-----------|----------|-----------|----------|-----------|-----------|--------------------------------------------------------------------|
| 16000.00 | 16000.00  | 80000.00 | 80000.00  | 27972.00 | 27972.00  | 18500.00 | 18500.00  | 16000.00  | Manish<br>Electricals                                              |
| 9000.00  | 153000.00 | 8256.00  | 140352.00 | 9324.00  | 158508.00 | 11850.00 | 201450.00 | 140352.00 | Standard<br>Aircondition<br>ing and<br>Refrigeratio<br>n Engineers |
| 10500.00 | 189000.00 | 8600.00  | 154800.00 | 9324.00  | 167832.00 | 11850.00 | 213300.00 | 154800.00 | Standard<br>Aircondition<br>ing and<br>Refrigeratio<br>n Engineers |
| 6000.00  | 126000.00 | 5568.00  | 116928.00 | 6216.00  | 130536.00 | 6100.00  | 128100.00 | 116928.00 | Standard<br>Aircondition<br>ing and<br>Refrigeratio<br>n Engineers |

|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |       |     |
|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----|
| 8.00  | All inclusive annual comprehensive maintenance of Split type (Hi-wall/ floor mounted) airconditioners of different makes of following capacity at different locations by carrying out Preventive maintenance Inspections, attending to complaints / breakdowns maintaining records by providing trained manpower, tools spare parts, consumables cleaning materials etc. complete as required as per enclosed Preventive maintenance Schedule, Special conditions of contract and Particular specifications attached.<br>b) 2.0 TR, Single phase, High wall Indoor & Outdoor unit type<br>For 2nd year | 21.00 | Nos |
| 9.00  | All inclusive annual comprehensive maintenance of Split type (Hi-wall) airconditioners of different makes of following capacity at different locations by carrying out Preventive maintenance Inspections, attending to complaints / breakdowns maintaining records by providing trained manpower, tools spare parts, consumables cleaning materials etc. complete as required as per enclosed Preventive maintenance Schedule, Special conditions of contract and Particular specifications attached.<br>c) 2.0 TR, Single phase, High wall Indoor & Outdoor unit Inverter type<br>For 1st year       | 4.00  | Nos |
| 10.00 | All inclusive annual comprehensive maintenance of Split type (Hi-wall) airconditioners of different makes of following capacity at different locations by carrying out Preventive maintenance Inspections, attending to complaints / breakdowns maintaining records by providing trained manpower, tools spare parts, consumables cleaning materials etc. complete as required as per enclosed Preventive maintenance Schedule, Special conditions of contract and Particular specifications attached.<br>c) 2.0 TR, Single phase, High wall Indoor & Outdoor unit Inverter type<br>For 2nd year       | 8.00  | Nos |
| 11.00 | All inclusive annual comprehensive maintenance of Split type (Hi-wall mounted) airconditioners of different makes of following capacity at different locations by carrying out Preventive maintenance Inspections, attending to complaints / breakdowns maintaining records by providing trained manpower, tools spare parts, consumables cleaning materials etc. complete as required as per enclosed Preventive maintenance Schedule, Special conditions of contract and Particular specifications attached.<br>d) 1.5 TR, Single phase, High wall Indoor unit type<br>For 1st year                  | 11.00 | Nos |

|         |           |         |           |         |           |         |           |           |                                                      |
|---------|-----------|---------|-----------|---------|-----------|---------|-----------|-----------|------------------------------------------------------|
| 6500.00 | 136500.00 | 5800.00 | 121800.00 | 6216.00 | 130536.00 | 6100.00 | 128100.00 | 121800.00 | Standard Airconditioning and Refrigeration Engineers |
| 6500.00 | 26000.00  | 6240.00 | 24960.00  | 6216.00 | 24864.00  | 6100.00 | 24400.00  | 24400.00  | SHRADDHA ENGINEERING AND FACILITY SERVICES           |
| 7000.00 | 56000.00  | 6500.00 | 52000.00  | 6216.00 | 49728.00  | 6100.00 | 48800.00  | 48800.00  | SHRADDHA ENGINEERING AND FACILITY SERVICES           |
| 5000.00 | 55000.00  | 4176.00 | 45936.00  | 3108.00 | 34188.00  | 5850.00 | 64350.00  | 34188.00  | Zamzam Refrigeration and airconditioning             |

|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |     |
|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----|
| 12.00 | All inclusive annual comprehensive maintenance of Split type (Hi-wall mounted) airconditioners of different makes of following capacity at different locations by carrying out Preventive maintenance Inspections, attending to complaints / breakdowns maintaining records by providing trained manpower, tools spare parts, consumables cleaning materials etc. complete as required as per enclosed Preventive maintenance Schedule, Special conditions of contract and Particular specifications attached.<br>d) 1.5 TR, Single phase, High wall Indoor unit type<br>For 2nd year          | 11.00 | Nos |
| 13.00 | All inclusive annual comprehensive maintenance of Split type (Hi-wall mounted) airconditioners of all makes of following capacity at different locations by carrying out Preventive maintenance Inspections, attending to complaints / breakdowns maintaining records by providing trained manpower, tools spare parts, consumables cleaning materials etc. complete as required as per enclosed Preventive maintenance Schedule, Special conditions of contract and Particular specifications attached.<br>e) 1.5 TR, Single phase, High wall Indoor unit type Inverter model<br>For 1st year | 17.00 | Nos |
| 14.00 | All inclusive annual comprehensive maintenance of Split type (Hi-wall mounted) airconditioners of all makes of following capacity at different locations by carrying out Preventive maintenance Inspections, attending to complaints / breakdowns maintaining records by providing trained manpower, tools spare parts, consumables cleaning materials etc. complete as required as per enclosed Preventive maintenance Schedule, Special conditions of contract and Particular specifications attached.<br>e) 1.5 TR, Single phase, High wall Indoor unit type Inverter model<br>For 2nd year | 23.00 | Nos |
| 15.00 | All inclusive annual comprehensive maintenance of Cassette type (Hi-wall mounted) airconditioners of all makes of following capacity at different locations by carrying out Preventive maintenance Inspections, attending to complaints / breakdowns maintaining records by providing trained manpower, tools spare parts, consumables cleaning materials etc. complete as required as per enclosed Preventive maintenance Schedule, Special conditions of contract and Particular specifications attached.<br>3.5 TR Cassette type<br>For 1st year                                            | 9.00  | Nos |

|         |           |         |           |         |          |          |           |          |                                          |
|---------|-----------|---------|-----------|---------|----------|----------|-----------|----------|------------------------------------------|
| 6000.00 | 66000.00  | 4350.00 | 47850.00  | 3108.00 | 34188.00 | 5850.00  | 64350.00  | 34188.00 | Zamzam Refrigeration and airconditioning |
| 5000.00 | 85000.00  | 4680.00 | 79560.00  | 3108.00 | 52836.00 | 5850.00  | 99450.00  | 52836.00 | Zamzam Refrigeration and airconditioning |
| 6000.00 | 138000.00 | 4875.00 | 112125.00 | 3108.00 | 71484.00 | 5850.00  | 134550.00 | 71484.00 | Zamzam Refrigeration and airconditioning |
| 9000.00 | 81000.00  | 9216.00 | 82944.00  | 9324.00 | 83916.00 | 11500.00 | 103500.00 | 81000.00 | Manish Electricals                       |

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| 16.00 | All inclusive annual comprehensive maintenance of Cassette type (Hi-wall mounted) airconditioners of all makes of following capacity at different locations by carrying out Preventive maintenance Inspections, attending to complaints / breakdowns maintaining records by providing trained manpower, tools spare parts, consumables cleaning materials etc. complete as required as per enclosed Preventive maintenance Schedule, Special conditions of contract and Particular specifications attached.<br>3.5 TR Cassette type<br>For 2nd year | 9.00 | Nos |
| 17.00 | All inclusive annual comprehensive maintenance of Cassette type (Hi-wall mounted) airconditioners of all makes of following capacity at different locations by carrying out Preventive maintenance Inspections, attending to complaints / breakdowns maintaining records by providing trained manpower, tools spare parts, consumables cleaning materials etc. complete as required as per enclosed Preventive maintenance Schedule, Special conditions of contract and Particular specifications attached.<br>2.0 TR Cassette type<br>For 1st year | 2.00 | Nos |
| 18.00 | All inclusive annual comprehensive maintenance of Cassette type (Hi-wall mounted) airconditioners of all makes of following capacity at different locations by carrying out Preventive maintenance Inspections, attending to complaints / breakdowns maintaining records by providing trained manpower, tools spare parts, consumables cleaning materials etc. complete as required as per enclosed Preventive maintenance Schedule, Special conditions of contract and Particular specifications attached.<br>2.0 TR Cassette type<br>For 2nd year | 2.00 | Nos |
| 19.00 | All inclusive annual comprehensive maintenance of Vertical type (floor mounted) airconditioners of all makes of following capacity at different locations by carrying out Preventive maintenance Inspections, attending to complaints / breakdowns maintaining records by providing trained manpower, tools spare parts, consumables cleaning materials etc. complete as required as per enclosed Preventive maintenance Schedule, Special conditions of contract and Particular specifications attached.<br>4.0 TR Vertical type<br>For 1st year   | 4.00 | Nos |

|          |          |          |          |          |          |          |           |          |                                            |
|----------|----------|----------|----------|----------|----------|----------|-----------|----------|--------------------------------------------|
| 10500.00 | 94500.00 | 9600.00  | 86400.00 | 9324.00  | 83916.00 | 11500.00 | 103500.00 | 83916.00 | Zamzam Refrigeration and airconditioning   |
| 8000.00  | 16000.00 | 6624.00  | 13248.00 | 6216.00  | 12432.00 | 9000.00  | 18000.00  | 12432.00 | Zamzam Refrigeration and airconditioning   |
| 9000.00  | 18000.00 | 6900.00  | 13800.00 | 6216.00  | 12432.00 | 9000.00  | 18000.00  | 12432.00 | Zamzam Refrigeration and airconditioning   |
| 10500.00 | 42000.00 | 10080.00 | 40320.00 | 12432.00 | 49728.00 | 8500.00  | 34000.00  | 34000.00 | SHRADDHA ENGINEERING AND FACILITY SERVICES |

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| 20.00 | All inclusive annual comprehensive maintenance of Vertical type (floor mounted) airconditioners of all makes of following capacity at different locations by carrying out Preventive maintenance Inspections, attending to complaints / breakdowns maintaining records by providing trained manpower, tools spare parts, consumables cleaning materials etc. complete as required as per enclosed Preventive maintenance Schedule, Special conditions of contract and Particular specifications attached.<br>4.0 TR Vertical type<br>For 2nd year | 6.00  | Nos |
| 21.00 | Dismantling and installing of 1.5 TR / 2.0 TR / 3.0 TR / 3.5 TR Split type AC or Floor mounted AC units at different locations excluding gas charging etc., as required.                                                                                                                                                                                                                                                                                                                                                                          | 20.00 | Job |
| 22.00 | Supply & laying of copper pipe of size 3/8" & 5/8" with insulation sleeve suitable for split AC units etc., as required.                                                                                                                                                                                                                                                                                                                                                                                                                          | 40.00 | mtr |
| 23.00 | All inclusive annual comprehensive maintenance contract for 150 GPD capacity Reverse Osmosis type water purifiers by carrying out Preventive maintenance Inspections, attending to complaints / breakdowns, maintaining records by providing trained manpower, tools, spare parts, consumables, cleaning materials etc. complete as required as per enclosed Preventive maintenance Schedule, Special conditions of contract and Particular specifications attached.<br>For 1st year                                                              | 5.00  | Nos |
| 24.00 | All inclusive annual comprehensive maintenance contract for 150 GPD capacity Reverse Osmosis type water purifiers by carrying out Preventive maintenance Inspections, attending to complaints / breakdowns, maintaining records by providing trained manpower, tools, spare parts, consumables, cleaning materials etc. complete as required as per enclosed Preventive maintenance Schedule, Special conditions of contract and Particular specifications attached.<br>For 2nd year                                                              | 5.00  | Nos |
| 25.00 | All inclusive annual comprehensive maintenance contract for 600 GPD capacity Reverse Osmosis type water purifiers by carrying out Preventive maintenance Inspections, attending to complaints / breakdowns, maintaining records by providing trained manpower, tools, spare parts, consumables, cleaning materials etc. complete as required as per enclosed Preventive maintenance Schedule, Special conditions of contract and Particular specifications attached.<br>For 1st year                                                              | 3.00  | Nos |

|          |          |          |          |          |           |          |          |          |                                            |
|----------|----------|----------|----------|----------|-----------|----------|----------|----------|--------------------------------------------|
| 12500.00 | 75000.00 | 10500.00 | 63000.00 | 12432.00 | 74592.00  | 8500.00  | 51000.00 | 51000.00 | SHRADDHA ENGINEERING AND FACILITY SERVICES |
| 1500.00  | 30000.00 | 3500.00  | 70000.00 | 9324.00  | 186480.00 | 2200.00  | 44000.00 | 30000.00 | Manish Electricals                         |
| 600.00   | 24000.00 | 1008.00  | 40320.00 | 592.00   | 23680.00  | 900.00   | 36000.00 | 23680.00 | Zamzam Refrigeration and airconditioning   |
| 6500.00  | 32500.00 | 17760.00 | 88800.00 | 7400.00  | 37000.00  | 14500.00 | 72500.00 | 32500.00 | Manish Electricals                         |
| 7000.00  | 35000.00 | 18500.00 | 92500.00 | 7400.00  | 37000.00  | 14500.00 | 72500.00 | 35000.00 | Manish Electricals                         |
| 9000.00  | 27000.00 | 30336.00 | 91008.00 | 7400.00  | 22200.00  | 21500.00 | 64500.00 | 22200.00 | Zamzam Refrigeration and airconditioning   |

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| 26.00 | All inclusive annual comprehensive maintenance contract for 600 GPD capacity Reverse Osmosis type water purifiers by carrying out Preventive maintenance Inspections, attending to complaints / breakdowns, maintaining records by providing trained manpower, tools, spare parts, consumables, cleaning materials etc. complete as required as per enclosed Preventive maintenance Schedule, Special conditions of contract and Particular specifications attached.<br>For 2nd year                                                         | 3.00  | Nos |
| 27.00 | All inclusive annual comprehensive maintenance contract of 40/80 Ltr Water cooler with 400 GPD capacity Reverse Osmosis and UV type water purifiers of make Eureka Forbes by carrying out Preventive maintenance Inspections, attending to complaints / breakdowns, maintaining records by providing trained manpower, tools, spare parts, consumables, cleaning materials etc. complete as required as per enclosed Preventive maintenance Schedule, Special conditions of contract and Particular specifications attached.<br>For 1st year | 2.00  | Nos |
| 28.00 | All inclusive annual comprehensive maintenance contract of 40/80 Ltr Water cooler with 400 GPD capacity Reverse Osmosis and UV type water purifiers of make Eureka Forbes by carrying out Preventive maintenance Inspections, attending to complaints / breakdowns, maintaining records by providing trained manpower, tools, spare parts, consumables, cleaning materials etc. complete as required as per enclosed Preventive maintenance Schedule, Special conditions of contract and Particular specifications attached.<br>For 2nd year | 2.00  | Nos |
| 29.00 | All inclusive annual comprehensive maintenance contract of 40/80 Ltr Water cooler and UV type water purifiers of make Eureka Forbes by carrying out Preventive maintenance Inspections, attending to complaints / breakdowns, maintaining records by providing trained manpower, tools, spare parts, consumables, cleaning materials etc. complete as required as per enclosed Preventive maintenance Schedule, Special conditions of contract and Particular specifications attached.<br>For 1st year                                       | 17.00 | Nos |
| 30.00 | All inclusive annual comprehensive maintenance contract of 40/80 Ltr Water cooler and UV type water purifiers of make Eureka Forbes by carrying out Preventive maintenance Inspections, attending to complaints / breakdowns, maintaining records by providing trained manpower, tools, spare parts, consumables, cleaning materials etc. complete as required as per enclosed Preventive maintenance Schedule, Special conditions of contract and Particular specifications attached.<br>For 2nd year                                       | 17.00 | Nos |

|         |           |          |           |          |          |          |          |          |                                                     |
|---------|-----------|----------|-----------|----------|----------|----------|----------|----------|-----------------------------------------------------|
| 9500.00 | 28500.00  | 31600.00 | 94800.00  | 20000.00 | 60000.00 | 21500.00 | 64500.00 | 28500.00 | Manish<br>Electricals                               |
| 5000.00 | 10000.00  | 8640.00  | 17280.00  | 15000.00 | 30000.00 | 3000.00  | 6000.00  | 6000.00  | SHRADDHA<br>ENGINEERING AND<br>FACILITY<br>SERVICES |
| 6500.00 | 13000.00  | 9000.00  | 18000.00  | 20000.00 | 40000.00 | 3000.00  | 6000.00  | 6000.00  | SHRADDHA<br>ENGINEERING AND<br>FACILITY<br>SERVICES |
| 6000.00 | 102000.00 | 8640.00  | 146880.00 | 5200.00  | 88400.00 | 4150.00  | 70550.00 | 70550.00 | SHRADDHA<br>ENGINEERING AND<br>FACILITY<br>SERVICES |
| 6500.00 | 110500.00 | 9000.00  | 153000.00 | 5200.00  | 88400.00 | 4150.00  | 70550.00 | 70550.00 | SHRADDHA<br>ENGINEERING AND<br>FACILITY<br>SERVICES |

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| 31.00 | All inclusive annual comprehensive maintenance contract of 40/80 Ltr Water coolers units of all makes at different locations by carrying out Preventive maintenance Inspections, attending to complaints / breakdowns, maintaining records by providing trained manpower, tools, spare parts, consumables, cleaning materials etc. complete as required as per enclosed Preventive maintenance Schedule, Special conditions of contract and Particular specifications attached.<br>For 1st year                                                                                   | 2.00 | Nos |
| 32.00 | All inclusive annual comprehensive maintenance contract of 40/80 Ltr Water coolers units of all makes at different locations by carrying out Preventive maintenance Inspections, attending to complaints / breakdowns, maintaining records by providing trained manpower, tools, spare parts, consumables, cleaning materials etc. complete as required as per enclosed Preventive maintenance Schedule, Special conditions of contract and Particular specifications attached.<br>For 2nd year                                                                                   | 2.00 | Nos |
| 33.00 | All inclusive annual comprehensive maintenance contract of 20/40 Ltr Water coolers units of all makes at different locations by carrying out Preventive maintenance Inspections, attending to complaints / breakdowns, maintaining records by providing trained manpower, tools, spare parts, consumables, cleaning materials etc. complete as required as per enclosed Preventive maintenance Schedule, Special conditions of contract and Particular specifications attached.<br>For 1st year                                                                                   | 6.00 | Nos |
| 34.00 | All inclusive annual comprehensive maintenance contract of 20/40 Ltr Water coolers units of all makes at different locations by carrying out Preventive maintenance Inspections, attending to complaints / breakdowns, maintaining records by providing trained manpower, tools, spare parts, consumables, cleaning materials etc. complete as required as per enclosed Preventive maintenance Schedule, Special conditions of contract and Particular specifications attached.<br>For 2nd year                                                                                   | 6.00 | Nos |
| 35.00 | All inclusive annual comprehensive maintenance contract of RO system with UV of flow rate 15LPH of capacity 12 ltrs storage tank and fully automatic operated on 230V, 50Hz AC supply etc., by carrying out Preventive maintenance Inspections, attending to complaints / breakdowns, maintaining records by providing trained manpower, tools, spare parts, consumables, cleaning materials etc. complete as required as per enclosed Preventive maintenance Schedule, Special conditions of contract and Particular specifications attached. (Domestic RO + UV)<br>For 1st year | 1.00 | Nos |

|         |          |         |          |          |           |         |          |          |                                            |
|---------|----------|---------|----------|----------|-----------|---------|----------|----------|--------------------------------------------|
| 5000.00 | 10000.00 | 5050.00 | 10100.00 | 20000.00 | 40000.00  | 3200.00 | 6400.00  | 6400.00  | SHRADDHA ENGINEERING AND FACILITY SERVICES |
| 5500.00 | 11000.00 | 5260.00 | 10520.00 | 20000.00 | 40000.00  | 3200.00 | 6400.00  | 6400.00  | SHRADDHA ENGINEERING AND FACILITY SERVICES |
| 5000.00 | 30000.00 | 4704.00 | 28224.00 | 20000.00 | 120000.00 | 3000.00 | 18000.00 | 18000.00 | SHRADDHA ENGINEERING AND FACILITY SERVICES |
| 6000.00 | 36000.00 | 4900.00 | 29400.00 | 20000.00 | 120000.00 | 3000.00 | 18000.00 | 18000.00 | SHRADDHA ENGINEERING AND FACILITY SERVICES |
| 5000.00 | 5000.00  | 7968.00 | 7968.00  | 20000.00 | 20000.00  | 7800.00 | 7800.00  | 5000.00  | Manish Electricals                         |

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|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----|
| 36.00 | All inclusive annual comprehensive maintenance contract of RO system with UV of flow rate 15LPH of capacity 12 ltrs storage tank and fully automatic operated on 230V, 50Hz AC supply etc., by carrying out Preventive maintenance Inspections, attending to complaints / breakdowns, maintaining records by providing trained manpower, tools, spare parts, consumables, cleaning materials etc. complete as required as per enclosed Preventive maintenance Schedule, Special conditions of contract and Particular specifications attached. (Domestic RO + UV)<br>For 2nd year                                                                                | 1.00 | Nos |
| 37.00 | All inclusive annual comprehensive maintenance contract of dual media filter of size 10" dia + 54" height FRP of capacity 1000 LPH vessel containing sand (marble) and activated carbon with multi port valve stainer, Nozzles, valves, interconnections PVC pipe line etc., by carrying out Preventive maintenance Inspections, attending to complaints / breakdowns, maintaining records by providing trained manpower, tools, spare parts, consumables, cleaning materials etc. complete as required as per enclosed Preventive maintenance Schedule, Special conditions of contract and Particular specifications etc. complete as required.<br>For 1st year | 6.00 | Nos |
| 38.00 | All inclusive annual comprehensive maintenance contract of dual media filter of size 10" dia + 54" height FRP of capacity 1000 LPH vessel containing sand (marble) and activated carbon with multi port valve stainer, Nozzles, valves, interconnections PVC pipe line etc., by carrying out Preventive maintenance Inspections, attending to complaints / breakdowns, maintaining records by providing trained manpower, tools, spare parts, consumables, cleaning materials etc. complete as required as per enclosed Preventive maintenance Schedule, Special conditions of contract and Particular specifications etc. complete as required.<br>For 2nd year | 6.00 | Nos |

|          |          |         |          |          |           |         |          |          |                                                         |
|----------|----------|---------|----------|----------|-----------|---------|----------|----------|---------------------------------------------------------|
| 5000.00  | 5000.00  | 8300.00 | 8300.00  | 20000.00 | 20000.00  | 7800.00 | 7800.00  | 5000.00  | Manish<br>Electricals                                   |
| 10500.00 | 63000.00 | 8890.00 | 53340.00 | 20000.00 | 120000.00 | 7800.00 | 46800.00 | 46800.00 | SHRADDHA<br>ENGINEERI<br>NG AND<br>FACILITY<br>SERVICES |
| 14500.00 | 87000.00 | 9260.00 | 55560.00 | 20000.00 | 120000.00 | 7800.00 | 46800.00 | 46800.00 | SHRADDHA<br>ENGINEERI<br>NG AND<br>FACILITY<br>SERVICES |

Total in Figures

2152500.00

2579359.00

2577572.00

2216950.00

Lowest Amount Quoted BY: Manish Electricals(2152500.00)

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| <b>BOQ Summary Details</b><br><b>Tender Title: ARMO of Electrical and Mechanical Installations 2020 22 CMC of all types of Package and Unitary AC units, Water Coolers and Water Purifiers at all locations of AAI, Visakhapatnam Airport</b><br><b>Tender ID: 2020_AAI_48467_1</b> |  |
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| Sheet Name | SI.No | Bidder Name                                          | Amount     | Bid Rank |
|------------|-------|------------------------------------------------------|------------|----------|
| BoQ1       | 1     | Manish Electricals                                   | 2152500.00 | L1       |
|            | 2     | SHRADDHA ENGINEERING AND FACILITY SERVICES           | 2216950.00 | L2       |
|            | 3     | Zamzam Refrigeration and airconditioning             | 2577572.00 | L3       |
|            | 4     | Standard Airconditioning and Refrigeration Engineers | 2579359.00 | L4       |