



स. सं. : भाविप्रा/पक्षे/मुंबई/समप्र. (अभि. - वि) - एटिएस/एमडब्ल्यू/काआ-01/2020-21
Ref.No.: AAI/WR/MUM/AGM(E-E)-ATS/MW/WO-01/2020-21

दिनांक : 21.08.2020
DATE : 21.08.2020

सेवा में / To,

मेसर्स. सारस्वत इंजिनियरींग सर्विसेस, / M/s. Saraswat Engineering Services,
6, वनराई शॉपिंग कॉम्प्लेक्स, / 6, Vanrai Shopping Complex,
वेस्टर्न एक्सप्रेस हायवे, ऑप. निर्लोन, / Western Express Highway, Opp. Nirlon,
गोरेगांव (ईस्ट), मुंबई - 400 065/Goregaon (East), Mumbai - 400 065.

विषय / Sub: "एन्युअल मेंटेनेन्स कांट्रैक्ट ऑफ एचटी इंस्टॉलेशंस एंड एटीएस कॉम्प्लेक्स एंड ऑपरेशनल एरिया, मुंबई एअरपोर्ट, मुंबई फॉर दि ईअर 2020-21 टू 2021-22। (टेण्डर आयडी : 2020_AAI_51213_1)"/ "Annual Maintenance Contract of HT installations at ATS Complex and Operational Area, Mumbai Airport, Mumbai for the year 2020-21 to 2021-22. (Tender ID: 2020_AAI_51213_1)"

संदर्भ : 1. आपका टेन्डर दिनांक **17.07.2020** को खोला गया।
2. Your tender opened on **17.07.2020**.

महोदय / Dear Sir,

- उपर उल्लेखित कार्य हेतु आपका टेंडर अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से स्वीकृत किया जाता है, आपके द्वारा बताए गये मद मूल्यों पर आपकी टेंडर राशि कुल **रु. 17,86,400.00 (रुपए सत्रह लाख छियासी हजार चार सौ मात्र)** + जीएसटी अतिरिक्त समान लागू है, जो कि टेंडर की उचित लागत राशि **रु. 26,89,624.00 (जीएसटी छोड़कर)** से **33.58% नीचे** है। वैध टैक्स इनवायस के प्रतिकूल जीएसटी अदा किया जाएगा। कृपया टैक्स इनवायस में महाराष्ट्र राज्य के लिए **भाविप्रा जीएसटी क्र. 27एएसीए6412डी1जेड8** उद्धृत करना नही भूले।
- Your tender for the work mentioned above is hereby accepted on behalf of the Chairman, Airports Authority of India at the item rates quoted by you totaling to **Rs. 17,86,400.00 (Rupees Seventeen Lakhs Eighty Six Thousand Four Hundred only)** + GST extra as applicable which is **33.58 % below** the estimated cost put to tender of **Rs. 26,89,624.00 (exclusive GST)**. GST will be paid against Valid Tax invoice. Please quote **AAI GST no. 27AAACA6412D1Z8** for Maharashtra State in Tax Invoice.
- सहायक महाप्रबंधक (अभि. वि.), भाविप्रा, ए. टि. एस. कॉम्प्लेक्स, मुंबई कार्य के प्रभारी अभियंता होंगे। आपसे निवेदन है कि आप आपकी ओर से एक विश्वसनीय प्रतिनिधि प्रतिनियुक्त करें जो करारनामे पर हस्ताक्षर करने के लिए अधिकृत हो तथा वह दिनांक 31.08.2020 तक सहायक महाप्रबंधक (अभि. वि.), भाविप्रा, ए. टि. एस. कॉम्प्लेक्स, मुंबई के कार्यालय में उपस्थित हो तथा करारनामे को पुरा करे।

CONTD. 2/-

ठेके का करारनामा रु.100/- के नॉनज्युडिशियल स्टैम्प पेपर पर निष्पादित किया जाएगा तथा पेपर का खर्च आपके द्वारा उठाया जाएगा ।

2. Asstt.General Manager (Engg.-E.), AAI, ATS Complex, Mumbai shall be the Engineer-In-Charge of the work. You are requested to depute your accredited representative, empowered to sign the contract agreement on your behalf, to attend the office of the Asstt.General Manager (Engg.-E), AAI, ATS Complex, Mumbai by 31.08.2020 to sign and complete the agreement. The contract agreement shall be executed on a non-judicial stamp paper of value Rs.100/- (Rupees One hundred only) and the cost of the stamp paper shall be borne by you.
3. आपके टेंडर के साथ प्राप्त धरोदर राशि **रु.53,792.00 (रूपए तिरपन हजार सात सौ बयान्वे मात्र)** ठेके के दस्तावेज से पृष्ठ ई-एनआयटी 13 पर दी गई शर्त 14 के अनुसार जमानत राशि परिवर्तित कर दी गई है। कृपया इस पत्र के जारी होने की तिथि से 10 दिनों के भीतर जमानत राशि की बकाया **रु. 1,24,848.00 (रूपए एक लाख चौबीस हजार आठ सौ अड़तालीस मात्र)** अदा की जाए अन्यथा निविदा दस्तावेज के जीसीसी - 2017 के धारा 1 (ए) पेज संख्या 16 के अनुसार उक्त राशि उनके रनिंग बिल से कटौती की जाएगी ।
3. The earnest money amount of **Rs.53,792.00 (Rupees Fifty Three Thousand Seven Hundred Ninety Two only)** received along with your tender will be treated and converted as part of security deposit as per condition 14 on page no. e-NIT 13 of tender contract document. Please deposit **Rs.1,24,848.00 (Rupees One Lakh Twenty Four Thousand Eight Hundred Forty Eight only)** towards security deposit within 10 days from the date of issue of this letter, failing which the same will be deducted from your running bill as per Clause No. 1(A) of GCC – 2017 on page 16 of the contract document.
4. आपसे निवेदन है कि कार्य के बीमा की प्रत प्रस्तुत करना अनिवार्य है।
- 4 You are requested to submit copy of valid work insurance.
5. आपसे निवेदन है कि आप केंद्रीय और राज्य सरकारों 1970 के अधिनियम अनुबंध श्रम नियम तथा 1971 के केंद्रीय नियम (नियमन तथा उन्मूलन) एवं केन्द्र तथा राज्य सरकार के न्युनतम वेतन अधिनियम और नियमों के प्रावधानों का अनुपालन करें ।
5. You are requested to comply with the provisions of contract labour (Regulation and abolition) Act of 1970 and contract labour (Regulation & abolition) Central rules 1971 and minimum wages Act & rules thereof central and state Governments.

:: 3 ::

6. आपको निर्देश दिया जाता है कि आप तुरंत सहायक प्रबंधक (अभि.वि.), भाविप्रा, ए.टि.एस. कॉम्प्लेक्स, मुंबई से मिलें वह आपको साइट सौंपने की व्यवस्था करेगे।
6. You are also directed to contact Assistant Manager (Engg.-E.), AAI, ATS Complex, Mumbai immediately who will arrange to hand over the site to you.
7. कृपया नोट कर लें कि काम करने का अनुमत समय **24 (चौबीस) महिने** है जोकि **01.09.2020** से **31.08.2022** तक गिना जाएगा।
7. Please note that the time allowed for carrying out the work is **24 (Twenty Four) months**, which shall be reckoned from **01.09.2020 to 31.08.2022**.
8. इस ठेके के संबंध में आगे का कोई भी पत्राचार सहायक महाप्रबंधक (अभि.वि.), भाविप्रा, ए.टि.एस. कॉम्प्लेक्स, मुंबई के पते पर किया जाए।
8. Any further correspondence in connection with the contract should normally be addressed to the Asstt. General Manager (Engg.-E.), AAI, ATS Complex, Mumbai.
9. उपरोक्त संदर्भित सभी पत्र इस ठेके का भाग होंगे।
9. All the letters referred above shall form part of contract.
10. कृपया पावती भेजे।
10. Please acknowledge the receipt.
11. यदि अँग्रेजी और हिंदी पाठ में कोई अंतर पाया जाता है तो अँग्रेजी विवरण सही माना जायेगा।
11. If there is any discrepancy between English and Hindi then meaning derived in English will be given precedence.

धन्यवाद / Thanking You,

भवदीय / Yours faithfully,

सहायक महाप्रबंधक (अभि.वि.)
Asstt. Gen. Manager (Engg.-E.)
भारतीय विमानपत्तन प्राधिकरण, ए.टि.एस. कॉम्प्लेक्स
Airports Authority of India, A.T.S. Complex,
मुंबई/Mumbai - 400 099.



सहायक महाप्रबंधक (अभि.वि.),
Asstt. General Manager (Engg.-E.),
कृते तथा ओर से, अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण,
For and on behalf of Chairman, Airports
Authority of India.

संलग्न / Encl. : मात्रा का बिल / Bill of quantities.

AIRPORTS AUTHORITY OF INDIA
ENGINEERING ELECTRICAL WING, ATS COMPLEX, MUMBAI - 400 099.

BILL OF QUANTITIES (B.O.Q.)

Name of Work: Annual Maintenance Contract of HT installations at ATS Complex and Operational Area, Mumbai Airport, Mumbai for the year 2020-21 to 2021-22. (Tender ID : 2020_AAI_ 51213_1)

Sr.No.	Description of Items	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
1.01	Filtration and dehydration of oil for the following installations including testing of the Oil for dielectric strength before and after filtration as per IS: Specification and submission of the report of B.D.V. Test and Chemical analysis of the oil to determine the level of acidity as per IS: Specification and cleaning of breather and providing fresh charges of Silica Gel to the transformers, Supplying and replacing corroded nuts and bolts, gaskets and washers, etc. (Transformers oil for topping up will be supplied separately.) a) First year i) Transformer 11 KV/ 433 Volts, 2 MVA	Each	2.00	21000.00	42000.00
1.02	Filtration and dehydration of oil for the following installations including testing of the Oil for dielectric strength before and after filtration as per IS: Specification and submission of the report of B.D.V. Test and Chemical analysis of the oil to determine the level of acidity as per IS: Specification and cleaning of breather and providing fresh charges of Silica Gel to the transformers, Supplying and replacing corroded nuts and bolts, gaskets and washers, etc. (Transformers oil for topping up will be supplied separately.) a) First year ii) Transformer 3.3 KV/ 433 Volts, 250 KVA	Each	1.00	11000.00	11000.00
1.03	Filtration and dehydration of oil for the following installations including testing of the Oil for dielectric strength before and after filtration as per IS: Specification and submission of the report of B.D.V. Test and Chemical analysis of the oil to determine the level of acidity as per IS: Specification and cleaning of breather and providing fresh charges of Silica Gel to the transformers, Supplying and replacing corroded nuts and bolts, gaskets and washers, etc. (Transformers oil for topping up will be supplied separately.) a) First year iii) Transformer 3.3 KV/ 433 Volts, 100 KVA	Each	1.00	5500.00	5500.00
1.04	Filtration and dehydration of oil for the following installations including testing of the Oil for dielectric strength before and after filtration as per IS: Specification and submission of the report of B.D.V. Test and Chemical analysis of the oil to determine the level of acidity as per IS: Specification and cleaning of breather and providing fresh charges of Silica Gel to the transformers, Supplying and replacing corroded nuts and bolts, gaskets and washers, etc. (Transformers oil for topping up will be supplied separately.) a) First year iv) 3.3 KV HT extensible oil switch fuse unit/ Isolator	Each	2.00	4500.00	9000.00
1.05	Filtration and dehydration of oil for the following installations including testing of the Oil for dielectric strength before and after filtration as per IS: Specification and submission of the report of B.D.V. Test and Chemical analysis of the oil to determine the level of acidity as per IS: Specification and cleaning of breather and providing fresh charges of Silica Gel to the transformers, Supplying and replacing corroded nuts and bolts, gaskets and washers, etc. (Transformers oil for topping up will be supplied separately.) a) First year v) 3.3 KV, Oil immersed Ring Main Units of 200 -400 Amps. capacity consisting of one incomer and two outgoing.	Each	2.00	4500.00	9000.00

Sr.No.	Description of Items	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
1.06	Filtration and dehydration of oil for the following installations including testing of the Oil for dielectric strength before and after filtration as per IS: Specification and submission of the report of B.D.V. Test and Chemical analysis of the oil to determine the level of acidity as per IS: Specification and cleaning of breather and providing fresh charges of Silica Gel to the transformers, Supplying and replacing corroded nuts and bolts, gaskets and washers, etc. (Transformers oil for topping up will be supplied separately.) b) Second year i) Transformer 11 KV/ 433 Volts, 2 MVA	Each	2.00	21000.00	42000.00
1.07	Filtration and dehydration of oil for the following installations including testing of the Oil for dielectric strength before and after filtration as per IS: Specification and submission of the report of B.D.V. Test and Chemical analysis of the oil to determine the level of acidity as per IS: Specification and cleaning of breather and providing fresh charges of Silica Gel to the transformers, Supplying and replacing corroded nuts and bolts, gaskets and washers, etc. (Transformers oil for topping up will be supplied separately.) b) Second year ii) Transformer 3.3 KV/ 433 Volts, 250 KVA	Each	1.00	11000.00	11000.00
1.08	Filtration and dehydration of oil for the following installations including testing of the Oil for dielectric strength before and after filtration as per IS: Specification and submission of the report of B.D.V. Test and Chemical analysis of the oil to determine the level of acidity as per IS: Specification and cleaning of breather and providing fresh charges of Silica Gel to the transformers, Supplying and replacing corroded nuts and bolts, gaskets and washers, etc. (Transformers oil for topping up will be supplied separately.) b) Second year iii) Transformer 3.3 KV/ 433 Volts, 100 KVA	Each	1.00	5500.00	5500.00
1.09	Filtration and dehydration of oil for the following installations including testing of the Oil for dielectric strength before and after filtration as per IS: Specification and submission of the report of B.D.V. Test and Chemical analysis of the oil to determine the level of acidity as per IS: Specification and cleaning of breather and providing fresh charges of Silica Gel to the transformers, Supplying and replacing corroded nuts and bolts, gaskets and washers, etc. (Transformers oil for topping up will be supplied separately.) b) Second year iv) 3.3 KV HT extensible oil switch fuse unit/ Isolator	Each	2.00	4500.00	9000.00
1.10	Filtration and dehydration of oil for the following installations including testing of the Oil for dielectric strength before and after filtration as per IS: Specification and submission of the report of B.D.V. Test and Chemical analysis of the oil to determine the level of acidity as per IS: Specification and cleaning of breather and providing fresh charges of Silica Gel to the transformers, Supplying and replacing corroded nuts and bolts, gaskets and washers, etc. (Transformers oil for topping up will be supplied separately.) b) Second year v) 3.3 KV, Oil immersed Ring Main Units of 200 -400 Amps capacity consisting of one incomer and two outgoings.	Each	2.00	4500.00	9000.00

Sr.No.	Description of Items	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
2.01	Filtration and dehydration of oil for the 11 KV, 1600 Amp. HT MOCB including co-ordination with M/s. Reliance for taking shut down of the supply, disconnecting the control supply, racking out the MOCB, cleaning the bus bar fingers and insulators, racking in the MOCB after filtration and dehydration of the oil and connecting the control supply properly and charging the HT panel in co-ordination with M/s. Reliance and testing the supply and controlling, etc. (Transformer oil for topping up will be supplied separately.) a) First year	Each	5.00	4500.00	22500.00
2.02	Filtration and dehydration of oil for the 11 KV, 1600 Amp. HT MOCB including co-ordination with M/s. Reliance for taking shut down of the supply, disconnecting the control supply, racking out the MOCB, cleaning the bus bar fingers and insulators, racking in the MOCB after filtration and dehydration of the oil and connecting the control supply properly and charging the HT panel in co-ordination with M/s. Reliance and testing the supply and controlling, etc. (Transformer oil for topping up will be supplied separately.) b) Second year	Each	5.00	4500.00	22500.00
3.01	Annual maintenance contract of following capacity of Transformers to maintain in serviceable condition including tightening of HT and LT terminations, cleaning of breathers etc as per preventive maintenance periodically as per Annex-I(A) and Annex- I(B) for a period of one year, submission of test/service reports as per Maintenance shedule, etc. complete as required. a) First year i) Transformer 11 KV/ 433Volts, 2 MVA	Per Year	2.00	22000.00	44000.00
3.02	Annual maintenance contract of following capacity of Transformers to maintain in serviceable condition including tightening of HT and LT terminations, cleaning of breathers etc as per preventive maintenance periodically as per Annex-I(A) and Annex- I(B) for a period of one year, submission of test/service reports as per Maintenance shedule, etc. complete as required. a) First year ii) Transformer 3.3 KV/ 433Volts, 250 KVA	Per Year	1.00	11000.00	11000.00
3.03	Annual maintenance contract of following capacity of Transformers to maintain in serviceable condition including tightening of HT and LT terminations, cleaning of breathers etc as per preventive maintenance periodically as per Annex-I(A) and Annex- I(B) for a period of one year, submission of test/service reports as per Maintenance shedule, etc. complete as required. a) First year iii) Transformer 3.3 KV/ 433Volts, 100 KVA	Per Year	1.00	9000.00	9000.00
3.04	Annual maintenance contract of following capacity of Transformers to maintain in serviceable condition including tightening of HT and LT terminations, cleaning of breathers etc as per preventive maintenance periodically as per Annex-I(A) and Annex- I(B) for a period of one year, submission of test/service reports as per Maintenance shedule, etc. complete as required. a) First year iv) Transformer 320 KVA Dry Type	Per Year	2.00	10000.00	20000.00

Sr.No.	Description of Items	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
3.05	Annual maintenance contract of following capacity of Transformers to maintain in serviceable condition including tightening of HT and LT terminations, cleaning of breathers etc as per preventive maintenance periodically as per Annex-I(A) and Annex- I(B) for a period of one year, submission of test/service reports as per Maintenance shedule, etc. complete as required. a) First year v) 11 KV HT MOCB panel with busbars consisting of 1600 Amp. two incomer, two outgoings and one buscoupler including CT & PT.	Per Year	5.00	6400.00	32000.00
3.06	Annual maintenance contract of following capacity of Transformers to maintain in serviceable condition including tightening of HT and LT terminations, cleaning of breathers etc as per preventive maintenance periodically as per Annex-I(A) and Annex- I(B) for a period of one year, submission of test/service reports as per Maintenance shedule, etc. complete as required. a) First year vi) 3.3 KV HT extensible oil switch fuse unit/ Isolator	Per Year	2.00	6400.00	12800.00
3.07	Annual maintenance contract of following capacity of Transformers to maintain in serviceable condition including tightening of HT and LT terminations, cleaning of breathers etc as per preventive maintenance periodically as per Annex-I(A) and Annex- I(B) for a period of one year, submission of test/service reports as per Maintenance shedule, etc. complete as required. a) First year vii) 3.3 KV, Oil immersed Ring Main Units of 200 -400 Amps capacity consisting of one incomer and two outgoings, job includes rectification of Oil leakage, etc. as required.	Per Year	2.00	8500.00	17000.00
3.08	Annual maintenance contract of following capacity of Transformers to maintain in serviceable condition including tightening of HT and LT terminations, cleaning of breathers etc as per preventive maintenance periodically as per Annex-I(A) and Annex- I(B) for a period of one year, submission of test/service reports as per Maintenance shedule, etc. complete as required. b) Second year i) Transformer 11KV/ 433Volts, 2 MVA	Per Year	2.00	22000.00	44000.00
3.09	Annual maintenance contract of following capacity of Transformers to maintain in serviceable condition including tightening of HT and LT terminations, cleaning of breathers etc as per preventive maintenance periodically as per Annex-I(A) and Annex- I(B) for a period of one year, submission of test/service reports as per Maintenance shedule, etc. complete as required. b) Second year ii) Transformer 3.3KV/ 433Volts, 250 KVA	Per Year	1.00	11000.00	11000.00
3.10	Annual maintenance contract of following capacity of Transformers to maintain in serviceable condition including tightening of HT and LT terminations, cleaning of breathers etc as per preventive maintenance periodically as per Annex-I(A) and Annex- I(B) for a period of one year, submission of test/service reports as per Maintenance shedule, etc. complete as required. b) Second year iii) Transformer 3.3KV/ 433Volts, 100 KVA	Per Year	1.00	9000.00	9000.00

Sr.No.	Description of Items	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
3.11	Annual maintenance contract of following capacity of Transformers to maintain in serviceable condition including tightening of HT and LT terminations, cleaning of breathers etc as per preventive maintenance periodically as per Annex-I(A) and Annex- I(B) for a period of one year, submission of test/service reports as per Maintenance shedule, etc. complete as required. b) Second year iv) Transformer 320 KVA Dry Type	Per Year	2.00	10000.00	20000.00
3.12	Annual maintenance contract of following capacity of Transformers to maintain in serviceable condition including tightening of HT and LT terminations, cleaning of breathers etc as per preventive maintenance periodically as per Annex-I(A) and Annex- I(B) for a period of one year, submission of test/service reports as per Maintenance shedule, etc. complete as required. b) Second year v) 11 KV HT MOCB panel with busbars consisting of 1600 Amp. two incomer, two outgoings and one buscoupler including CT & PT.	Per Year	5.00	640.00	3200.00
3.13	Annual maintenance contract of following capacity of Transformers to maintain in serviceable condition including tightening of HT and LT terminations, cleaning of breathers etc as per preventive maintenance periodically as per Annex-I(A) and Annex- I(B) for a period of one year, submission of test/service reports as per Maintenance shedule, etc. complete as required. b) Second year vi) 3.3 KV HT extensible oil switch fuse unit/ Isolator	Per Year	2.00	6400.00	12800.00
3.14	Annual maintenance contract of following capacity of Transformers to maintain in serviceable condition including tightening of HT and LT terminations, cleaning of breathers etc as per preventive maintenance periodically as per Annex-I(A) and Annex- I(B) for a period of one year, submission of test/service reports as per Maintenance shedule, etc. complete as required. b) Second year vii) 3.3KV, Oil immersed Ring Main Units of 200 -400 Amps capacity consisting of one incomer and two outgoings, job includes rectification of Oil leakage, etc. as required.	Per Year	2.00	8500.00	17000.00
4.01	AMC of L&T make Air Circuit Breakers installed at LT Ess. and Non-Ess. Panels as Main incomers, DG incomers and Bus Couplers and Incoming feeders of AC Panel of the following rating:- a) First year i) 3200 Amp, 4 Pole, U Power Series ACB	Rate/Year	9.00	17500.00	157500.00
4.02	AMC of L&T make Air Circuit Breakers installed at LT Ess. and Non-Ess. Panels as Main incomers, DG incomers and Bus Couplers and Incoming feeders of AC Panel of the following rating:- a) First year ii) 1600 Amp, 4 Pole, U Power series ACB	Rate/Year	3.00	14000.00	42000.00

Sr.No.	Description of Items	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
4.03	AMC of L&T make Air Circuit Breakers installed at LT Ess. and Non-Ess. Panels as Main incomers, DG incomers and Bus Couplers and Incoming feeders of AC Panel of the following rating:- a) First year iii) 800 Amp, 4 Pole, C Power Series ACB	Rate/Year	2.00	14000.00	28000.00
4.04	AMC of L&T make Air Circuit Breakers installed at LT Ess. and Non-Ess. Panels as Main incomers, DG incomers and Bus Couplers and Incoming feeders of AC Panel of the following rating:- b) Second year i) 3200 Amp, 4 Pole, U Power Series ACB	Rate/Year	9.00	17500.00	157500.00
4.05	AMC of L&T make Air Circuit Breakers installed at LT Ess. and Non-Ess. Panels as Main incomers, DG incomers and Bus Couplers and Incoming feeders of AC Panel of the following rating:- b) Second year ii) 1600 Amp, 4 Pole, U Power series ACB	Rate/Year	3.00	14000.00	42000.00
4.06	AMC of L&T make Air Circuit Breakers installed at LT Ess. and Non-Ess. Panels as Main incomers, DG incomers and Bus Couplers and Incoming feeders of AC Panel of the following rating:- b) Second year iii) 800 Amp, 4 Pole, C Power Series ACB	Rate/Year	2.00	14000.00	28000.00
5.01	AMC of 800 Amp Vacuum Circuit Breakers installed at ELDIS-II (New RADAR) in operational area, Mumbai airport. a) First year	Rate/Year	6.00	25000.00	150000.00
5.02	AMC of 800 Amp Vacuum Circuit Breakers installed at ELDIS-II (New RADAR) in operational area, Mumbai airport. b) Second year	Rate/Year	6.00	25000.00	150000.00
6.00	Visiting charges towards inspecting, checking, taking parameters and rectification of the faults if require for ACB. (Beyond 4 nos. preventive maintenance and 8 nos. breakdown complaints.)	Visit	12.00	5000.00	60000.00
7.01	Testing and calibration of Voltage and current operated relays as per Annex -II including secondary injection testing and settings once in a year, submitting test reports etc complete as required. Job includes checking proper co-ordination of relays, testing of tripping, checking all the control systems, checking and testing electrical interlocking, checking of control wiring, tightening of the wiring, etc. complete as required. a) First year	Each	127.00	1200.00	152400.00
7.02	Testing and calibration of Voltage and current operated relays as per Annex -II including secondary injection testing and settings once in a year, submitting test reports etc complete as required. Job includes checking proper co-ordination of relays, testing of tripping, checking all the control systems, checking and testing electrical interlocking, checking of control wiring, tightening of the wiring, etc. complete as required. b) Second year	Each	127.00	1200.00	152400.00

Sr.No.	Description of Items	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
8.00	Cable fault detection of HT / LT underground power cables of the 1.1 KV grade of any size with the cable fault finding machine complete etc. as required.	Each	6.00	14000.00	84000.00
9.00	Supply of transformer oil of IS: 335/1980 ammended upto date with test report as required.	Litre	420.00	110.00	46200.00
10.01	Repainting of following equipments including scrapping by sand/emery paper to get even surface and applying metal primer on corroded surface and painting with two coat of approved brand synthetic enamel/Aluminum paint including writing, etc. complete as required. a) Transformer 11KV/ 433Volts, 2 MVA	Each	2.00	5000.00	10000.00
10.02	Repainting of following equipments including scrapping by sand/emery paper to get even surface and applying metal primer on corroded surface and painting with two coat of approved brand synthetic enamel/Aluminum paint including writing, etc. complete as required. b) Transformer 3.3KV/ 433Volts, 250 KVA	Each	1.00	2400.00	2400.00
10.03	Repainting of following equipments including scrapping by sand/emery paper to get even surface and applying metal primer on corroded surface and painting with two coat of approved brand synthetic enamel/Aluminum paint including writing, etc. complete as required. c) Transformer 3.3KV/ 433Volts, 100 KVA	Each	1.00	2200.00	2200.00
10.04	Repainting of following equipments including scrapping by sand/emery paper to get even surface and applying metal primer on corroded surface and painting with two coat of approved brand synthetic enamel/Aluminum paint including writing, etc. complete as required. d) 11 KV HT MOCB panel.	Each	1.00	3000.00	3000.00
10.05	Repainting of following equipments including scrapping by sand/emery paper to get even surface and applying metal primer on corroded surface and painting with two coat of approved brand synthetic enamel/Aluminum paint including writing, etc. complete as required. e) 3.3 KV, 200/400 Amp Ring Main Units and Isolating switch	Each	2.00	1500.00	3000.00
11.00	Execution of works as per CPWD schedule of work and specifications as and when required. Schedule of rates (CPWD) 2018 Electrical (For Rs;50000/=). Agency should be mentioned % above or below of the rates of DSR 2018 in Rate column. NOTE: EXAMPLE FOR QUOTING RATES BELOW 5% OF DSR ITEM RATES, CONTRACTOR SHOULD QUOTE 0.95 IN RATE COLUMN AND FOR QUOTING RATES ABOVE 5% OF DSR ITEM RATES, CONTRACTOR SHOULD QUOTE 1.05 IN RATE COLUMN.	Lumsum	50000.00	1.10	55000.00
				Total Rs.	1786400.00
				(+) plus GST extra as applicable	
(Total Rupees: Seventeen Lakhs Eighty Six Thousand Four Hundred Only (+) plus GST Extra as applicable)					
Asstt. General Manager (Engg.-Elect.) A.A.I.,ATS Complex, Mumbai - 400 099.  24/08/2020 Asstt. General Manager (Engg.-Elect.) A.A.I.,ATS Complex, Mumbai - 400 099.					