

संदर्भ संख्या : भाविप्रा/इंदौर/अभि.-वि/कार्य आदेश-07/2022-23

Ref. No.: AAI/ID/ENGG(E)/WO-07/2022-23

प्रति,

दिनांक : 30/08/2022

Date: 30/08/2022

मेसर्स मनीष इलेक्ट्रीकल्स,
कल्पना नगर सी.पी.कॉलोनी,
नियर 7 नं. चौराहा मुरार, ग्वालियर -400063

E-mail: - rajkumarmanish@rediffmail.com, manishelectricals21@gmail.com

GST No.: - 23ABJPM9012E1ZW

M/s Manish Electricals.

Kalpna Nagar, Near 7 No.

Chouraha, Morar, Gwalior-474006.

कार्य का नाम :- देवी अहिल्याबाई होलकर हवाई अड्डा स्थित 33 के.वी. सब-स्टेशन, हवाई अड्डा के न्यू टर्मिनल भवन के आंतरिक एवं बाह्य विद्युत स्थापनाओं, फायर फाइटिंग एवं फायर अलार्म सिस्टम, 140 किलोलीटर एसटीपी प्रतिदिन की क्षमता आदि के दो वर्षों (2022-2024) तक के वार्षिक रख-रखाव एवं ऑपरेशन (ए.आर.एम.ओ.)।

Name of Work: - ARMO of 33 KV Sub-Station i/c Internal & External Installations of NITB, Fire Fighting & Alarm System, 140 KLD STP etc. at Devi Ahilya Bai Holkar Airport, Indore, for 02 Years (2022-2024).

संदर्भ :- 1) आपकी ई-निविदा 2022_AAI_106078_1 दिनांक 12 मई 2022 को खोली गई।

Your E-Tender No.2022_AAI_106078_1 Opened on dated 12/05/2022

प्रिय महोदय/ Dear Sir,

1- उपरोक्त कार्य हेतु आपका टेण्डर, अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से, आपके द्वारा बताये गये मद मुल्यों पर आपकी टेण्डर राशि कुल लागत ₹ 2,09,26,952/- (रुपये दो करोड़ नौ लाख छब्बीस हजार नौ सौ बावन मात्र जी.एस.टी. रहित) है, जो कि टेण्डर की अनुमानित लागत राशि ₹ 2,41,21,404/- जी.एस.टी. रहित से 13.24 % कम है, पर स्वीकृत किया जाता है।

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 ₹ 2,09,26,952/- (Rupees Two Crore Nine Lakh Twenty-Six Thousand Nine Hundred Fifty-Two Only Excluding 'GST') which is 13.24% below the Estimated cost put to tender of ₹ 2,41,21,404/- Excluding GST.

2- वरिष्ठ प्रबंधक (अभि.-विद्युत), भाविप्रा, दे.अ.बा.हो. विमानतल, इन्दौर कार्य के प्रभारी अभियंता होंगे। आपसे निवेदन है कि आप आपकी ओर से एक विश्वसनीय प्रतिनिधि प्रतिनियुक्त करें जो कि करारनामों पर हस्ताक्षर करने के लिए अधिकृत हो तथा वह दिनांक 13.09.2022 तक वरिष्ठ प्रबंधक (अभि.- विद्युत), भाविप्रा, दे.अ.बा. हो. विमानतल, इन्दौर के कार्यालय में उपस्थित हो तथा करारनामों को पूरा करें। ठेके का करारनामा रुपये 100/- के नॉन ज्युडिशियल स्टेम्प पेपर पर निष्पादित किया जाएगा, तथा स्टेम्प पेपर का खर्च आपके द्वारा उठाया जाएगा।

The Senior Manager (Engg. -Elect.), AAI, DABH Airport, Indore 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 Senior Manager (Engg.-Elect.), AAI, DABH Airport, Indore by 13-09-2022 to sign and complete the agreement. The contract agreement shall be executed on a non-judicial stamp paper of Rs. 100/- and the cost shall be borne by you.

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देवी अहिल्याबाई होलकर विमानतल इन्दौर दूरभाष - 0731-2629453 फेक्स 0731-2629453
DEVI AHILYA BAI HOLKAR AIRPORT INDORE PHONE 0731-2629453 FAX 0731-2629453

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- 3- कृपया ₹ 20,92,695.00 (रुपये बीस लाख बयानवे हजार छः सौ पंचानवे मात्र) प्रतिभूति जमा के रूप में यह पत्र के जारी करने की तारीख से 10 दिन के अंदर जमा कीजिए। जमा करने की असफलता के फलस्वरूप यह राशि ठेका दस्तावेज के जीसीसी के पृष्ठ क्र.16 के Clause '1A' की शर्त के अनुसार काटी जाएगी।

Please deposit ₹ 20,92,695.00 (Rupees Twenty-Nine Lakh Ninety-Two Thousand Six Hundred Ninety-Five Only) towards security deposit within 10 days from the date of issue of this letter, failing which the same will be deducted as per condition of Clause '1A' on page no. 16 of GCC of the contract document.

4. आपसे निवेदन है कि आप केन्द्रीय और राज्य सरकारों के 1970 के अधिनियम अनुबंध श्रम नियम (नियमन तथा उन्मुलन) तथा 1971 के केन्द्रीय नियम अनुबंध श्रम नियम (नियमन तथा उन्मुलन) एवं केन्द्र तथा राज्य सरकार के न्यूनतम वेतन अधिनियम और नियमों का अनुपालन करें।

You are requested to comply with the provisions of Contract Labour (Regulation & Abolition) Act of 1970 and Contract Labour (Regulation & Abolition) Central rules 1971 and Minimum Wages Act & Rules thereof Central and State Government.

5. आपको निर्देश दिया जाता है कि आप तुरंत प्रबंधक (अभि.-विद्युत), भाविप्रा, दे.अ.बा.हो. विमानतल, इन्दौर से मिलें वह आपको साईट सौपने की व्यवस्था करेंगे। कृपया नोट कर लें कि काम करने का अनुमानित समय 02 (दो) वर्ष है जो कि इस पत्र के जारी करने के 10 दिन बाद से गिना जाएगा।

You are also directed to contact Manager (Engg-E), AAI, DABH Airport Indore immediately who will arrange to hand over the site to you. Please note that the time allowed for carrying out the work is 02 (Two) Years which shall be reckoned from the 10th day after issue of this Letter.

6. इस ठेके के संबंध में आगे कोई भी पत्राचार वरिष्ठ प्रबंधक (अभि.-विद्युत), भा.वि.प्रा., दे. अ. बा. हो. विमानतल, इन्दौर म.प्र.-452005 के पते पर किया जाएगा।

Any further correspondence in connection with this contract should normally be addressed to Senior Manager (E-E), AAI, DABH Airport Indore, M.P.- 452005.

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7. उपरोक्त संदर्भित सभी पत्र इस ठेके का भाग होंगे।
All letters referred above shall form part of contract.
8. ठेके दस्तावेज की शर्तों के अनुसार त्रुटि दायित्व अवधि 06 (छः) माह होगी।
The Defects Liability Period will be of 06 (Six) Months as per terms of Contract.
9. कृपया पावती भेजें एवं आपकी स्वीकृति के प्रतीक के रूप में इस कार्य आदेश की डुप्लीकेट प्रति पर हस्ताक्षर कर अधोहस्ताक्षरी को पुनः भेजने का कष्ट करें।
Please acknowledge the receipt and return the duplicate copy of this letter enclosed herewith after signing it to the undersigned as a token of acceptance.
10. यदि अंग्रेजी और हिंदी पाठ में कोई अंतर पाया जाता है तो अंग्रेजी विवरण सही माना जायेगा।
If there is any discrepancy between English and Hindi, then meaning derived in English will be given precedence.

धन्यवाद / **Thanking You,**

संलग्न / **Enclosure: 1) Schedule 'A' – 18 Pages**

भवदीय / **Your's Faithfully,**


30.03.2022

वरिष्ठ प्रबंधक (अभि.विद्युत),
Senior Manager (Engg-Elect)
भा.वि.प्रा. इन्दौर विमानतल, इन्दौर
AAI, DABH AIRPORT, INDORE
कृते तथा ओर से, अध्यक्ष
For and on behalf of Chairman
भारतीय विमानपत्तन प्राधिकरण
Airports Authority of India

SCHEDULE OF QUANTITY / ITEM(S)

Name of Work: ARMO of 33 KV Sub-Station i/c Internal & External Installation of NITB, Fire Fighting & Alarm System, 140 KLD STP etc. at DABH Airport, Indore for 02 (Two) Years for 2022-2024

Sl. No	Description of Work / Item(s)	No.of Qty	Units	Rate	Amount
1.00	SH:I: O & M of E&M Installations :-				
1.01	Operation & Maintenance of 33 KV Substation , HT & LT Panels, E & M installations of NITB, 140 KLD Sewage Treatment Plant, Fire Alarm & Fire Fighting Systems etc. with associated accessories in 03 (three) shifts per day on all days including Sundays, Holidays & National Holidays . The job includes carrying out preventive / break down maintenance activities as per the scope of work mentioned in the special conditions of contract and technical specifications, complete as required.				
1.02	a) For 1st Year	12.00	Month	811786.00	9741432.00
1.03	b) For 2nd Year	12.00	Month	821000.00	9852000.00
2.00	Deployment of following additional manpower at site for carrying out various operation and maintenance works to meet the actual site / operational requirements etc., as and when required:-				
2.01	Electrician / Operator (Skilled)	60.00	Day	724.00	43440.00
2.02	Helper (Un-Skilled)	60.00	Day	534.00	32040.00

Sl. No	Description of Work / Item(s)	No.of Qty	Units	Rate	Amount
3.00	SH:II : Maintenance Jobs :-				
3.01	Complete rewinding of the motor of following capacity Sewage / Drainage Submersible Pump Set of various makes & models i/c dismantling, transportation from site to work shop & work shop to site assembling, testing and commissioning etc. complete as required.				
3.02	3 Phase, 7.5 HP				
3.03	a) For 1st Year	2.00	Job	5000.00	10000.00
3.04	b) For 2nd Year	2.00	Job	5000.00	10000.00
3.05	3 Phase, Greater than 01 HP & upto 3 HP				
3.06	a) For 1st Year	2.00	Job	2000.00	4000.00
3.07	b) For 2nd Year	2.00	Job	2000.00	4000.00
3.08	3 Phase, Greater than 03 HP & upto 5 HP				
3.09	a) For 1st Year	2.00	Job	3200.00	6400.00
3.10	b) For 2nd Year	2.00	Job	3200.00	6400.00
3.11	3 Phase, Greater than 05 HP & upto 7.5 HP				
3.12	a) For 1st Year	2.00	Job	4500.00	9000.00
3.13	b) For 2nd Year	2.00	Job	4500.00	9000.00

Sl. No	Description of Work / Item(s)	No.of Qty	Units	Rate	Amount
4.00	Complete rewinding of the motor of 3 Phase 7.5 HP Vertical Inline Multi Stage Hydro Pneumatic Centrifugal Pump Set of various makes & models i/c dismantling, transportation from site to work shop & work shop to site, assembling, testing and commissioning etc. complete as required.				
4.01	a) For 1st Year	1.00	Job	10000.00	10000.00
4.02	b) For 2nd Year	1.00	Job	10000.00	10000.00
5.00	Complete rewinding of the motor of following capacity Monoblock Pump Set of various makes & models i/c dismantling, transportation from site to work shop & work shop to site, assembling, testing and commissioning etc. complete as required:-				
5.01	1 Phase, upto 1 HP				
5.02	a) For 1st Year	2.00	Job	700.00	1400.00
5.03	b) For 2nd Year	2.00	Job	700.00	1400.00
5.04	3 Phase, upto 1 HP				
5.05	a) For 1st Year	2.00	Job	700.00	1400.00
5.06	b) For 2nd Year	2.00	Job	700.00	1400.00
5.07	3 Phase, Greater than 01 HP & upto 3 HP				
5.08	a) For 1st Year	2.00	Job	1500.00	3000.00
5.09	b) For 2nd Year	2.00	Job	1500.00	3000.00

Sl. No	Description of Work / Item(s)	No.of Qty	Units	Rate	Amount
5.10	3 Phase, Greater than 03 HP & upto 5 HP				
5.11	a) For 1st Year	2.00	Job	3000.00	6000.00
5.12	b) For 2nd Year	2.00	Job	3000.00	6000.00
5.13	3 Phase, Greater than 05 HP & upto 7.5 HP				
5.14	a) For 1st Year	2.00	Job	3800.00	7600.00
5.15	b) For 2nd Year	2.00	Job	3800.00	7600.00
5.16	3 Phase, 12.5 HP				
5.17	a) For 1st Year	1.00	Job	7000.00	7000.00
5.18	b) For 2nd Year	1.00	Job	7000.00	7000.00
5.19	3 Phase, 75 HP				
5.20	a) For 1st Year	1.00	Job	40000.00	40000.00
5.21	b) For 2nd Year	1.00	Job	40000.00	40000.00
6.00	Complete Servicing & overhauling of following capacity Sewage / Drainage Submersible Pump Set of various makes & models i/c replacement of defective parts, bush, bearings, mechanical seal etc., dismantling, transportation from site to work shop & work shop to site, assembling, testing and commissioning complete as required.				
6.01	3 Phase, upto 1 HP				
6.02	a) For 1st Year	1.00	Job	380.00	380.00

Sl. No	Description of Work / Item(s)	No.of Qty	Units	Rate	Amount
6.03	b) For 2nd Year.	1.00	Job	380.00	380.00
6.04	3 Phase, Greater than 01 HP & upto 3 HP				
6.05	a) For 1st Year	2.00	Job	480.00	960.00
6.06	b) For 2nd Year	2.00	Job	480.00	960.00
6.07	3 Phase, Greater than 03 HP & upto 5 HP				
6.08	a) For 1st Year	2.00	Job	500.00	1000.00
6.09	b) For 2nd Year	2.00	Job	500.00	1000.00
6.10	3 Phase, Greater than 05 HP & upto 7.5 HP				
6.11	a) For 1st Year	2.00	Job	600.00	1200.00
6.12	b) For 2nd Year	2.00	Job	600.00	1200.00
7.00	Complete Servicing & overhauling of following capacity Vertical Inline Multi Stage Hydro Pneumatic Centrifugal Pump Set of various makes & models i/c replacement of defective parts, bush, bearings, mechanical seal etc., dismantling, transportation from site to work shop & work shop to site, assembling, testing and commissioning complete as required.:- 3 Phase 7.5 HP				
7.01	a) For 1st Year	1.00	Job	3200.00	3200.00
7.02	b) For 2nd Year	1.00	Job	3200.00	3200.00

Sl. No	Description of Work / Item(s)	No.of Qty	Units	Rate	Amount
8.00	Complete Servicing & overhauling of following capacity Monoblock pump Sets of various makes & models i/c replacement of defective parts, bush, bearings, mechanical seal etc., dismantling, transportation from site to work shop & work shop to site, assembling, testing and commissioning complete as required.:-				
8.01	1 Phase, upto 1 HP				
8.02	a) For 1st Year	1.00	Job	400.00	400.00
8.03	b) For 2nd Year	1.00	Job	400.00	400.00
8.04	3 Phase, upto 1 HP				
8.05	a) For 1st Year	1.00	Job	600.00	600.00
8.06	b) For 2nd Year	1.00	Job	600.00	600.00
8.07	3 Phase, Greater than 01 HP & upto 3 HP				
8.08	a) For 1st Year	2.00	Job	700.00	1400.00
8.09	b) For 2nd Year	2.00	Job	700.00	1400.00
8.10	3 Phase, Greater than 03 HP & upto 5 HP				
8.11	a) For 1st Year	2.00	Job	700.00	1400.00
8.12	b) For 2nd Year	2.00	Job	700.00	1400.00
8.13	3 Phase, Greater than 05 HP & upto 7.5 HP				
8.14	a) For 1st Year	2.00	Job	850.00	1700.00

Sl. No	Description of Work / Item(s)	No.of Qty	Units	Rate	Amount
8.15	b) For 2nd Year	2.00	Job	850.00	1700.00
8.16	3 Phase, 12.5 HP				
8.17	a) For 1st Year	1.00	Job	1000.00	1000.00
8.18	b) For 2nd Year	1.00	Job	1000.00	1000.00
8.19	3 Phase, 75 HP				
8.20	a) For 1st Year	1.00	Job	4000.00	4000.00
8.21	b) For 2nd Year	1.00	Job	4000.00	4000.00
9.00	Complete Servicing, Repairing & Overhauling of following capacity Twin Lobe Rotary Air Blower of capacity 216 cubic mtr / hour at 0.4 Kg / Sq.Cm pressure & compatible with V-belt drive of 7.5 HP, 1440 rpm 3 Phase Induction Motor i/c replacement of defective parts, bush, bearings, mechanical seal etc., dismantling, transportation from site to work shop & work shop to site, assembling, testing and commissioning complete as required. (Make - Usha, Model - UGRK-140SR)				
9.01	a) For 1st Year	1.00	Job	11500.00	11500.00
9.02	b) For 2nd Year	1.00	Job	12000.00	12000.00
10.00	Regeneration of Water Softner Plant of STP having Brine Water Tank Capacity of 500 Ltrs, by supplying & topping up of Rock Salt / Common Salt @ 50 Kg per regeneration, on Monthly basis, or as per direction of Engineer-in-Charge, complete as required.				

Sl. No	Description of Work / Item(s)	No.of Qty	Units	Rate	Amount
10.01	a) For 1st Year	12.00	Job	1500.00	18000.00
10.02	b) For 2nd Year	12.00	Job	1500.00	18000.00
11.00	Providing & fixing of Filter press cloth for 140 KLD STP plant i/c dismantling of old filter press cloth as required.				
11.01	a) For 1st Year	1.00	Job	900.00	900.00
11.02	b) For 2nd Year	1.00	Job	900.00	900.00
12.00	Testing of Treated Water Sample of STP through MP Pollution Control Board / NABL accredited Laboratories and submission of Test Reports for following parameters, at regular interval of every 06(Six) months, or as per direction of Engineer-In-Charge, complete as required :- Colour, Odour, PH Value, TDS, TSS, BOD, COD, Oil & Grease etc.				
12.01	a) For 1st Year	2.00	Sample	3500.00	7000.00
12.02	b) For 2nd Year	2.00	Sample	3500.00	7000.00
13.00	Chemical Dosing of 140 KLD STP through suitable means by providing Sodium Hypo Chlorite ,Lime Powder ,Alum Powder ,Poly Electrolite etc.to maintain the treated water as per standard parameters of pollution control board as mentioned in SCC , as per direction of Engineer -in-charge, complete as required :-				
13.01	a) For 1st Year	12.00	Month	3500.00	42000.00
13.02	b) For 2nd Year	12.00	Month	3500.00	42000.00

Sl. No	Description of Work / Item(s)	No.of Qty	Units	Rate	Amount
14.00	Rewinding, repairing and overhauling of following types of fans by using suitable gauge enamel copper wire, backing, oiling, greasing including replacement of capacitor, bush, bearing, shaft etc, complete, as required				
14.01	Ceiling fan (1200 mm to 1400mm sweep)				
14.02	a) For 1st Year	3.00	Each	380.00	1140.00
14.03	b) For 2nd Year	3.00	Each	380.00	1140.00
14.04	Wall Fan (300mm to 450 mm sweep)				
14.05	a) For 1st Year	3.00	Each	480.00	1440.00
14.06	b) For 2nd Year	3.00	Each	480.00	1440.00
14.07	Exhaust fan (300 to 450mm sweep)				
14.08	a) For 1st Year	3.00	Each	550.00	1650.00
14.09	b) For 2nd Year	3.00	Each	550.00	1650.00
15.00	Supplying and Making Straight Through cable jointing with heat shrinkable jointing kit complete with all accessories including ferruls suitable for 3 x 300 Sq.mm XLPE aluminium conductor cable of 33 KV grade as required.				
15.01	a) For 1st Year	1.00	Set	15000.00	15000.00
15.02	b) For 2nd Year	1.00	Set	16000.00	16000.00

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Sl. No	Description of Work / Item(s)	No.of Qty	Units	Rate	Amount
16.00	Supplying and making indoor cable end termination with heat shrinkable jointing kit complete with all accessories including lugs suitable for 3 x 300 Sq.mm XLPE aluminium conductor cable of 33 kV grade, as required.				
16.01	a) For 1st Year	1.00	Set	5000.00	5000.00
16.02	b) For 2nd Year	1.00	Set	5000.00	5000.00
17.00	Painting with one or more coats of spray painting with synthetic enamel paint of approved colour, brand and manufacture to give an even shade including cleaning of surface, on old work / electrical panels & installations, as required.				
17.01	a) For 1st Year	100.00	Sq.	100.00	10000.00
17.02	b) For 2nd Year	100.00	Sq.	120.00	12000.00
18.00	Visit charges of Service Engineer from the Manufacturer or Authorised Service Dealer or Specialised Agency for carrying out Minimum 01(One) Half Yearly Preventive Maintenance visit for satisfactory working condition of the system including providing & upgrading Software, if required (OR) Breakdown maintenance visit as and when required basis till the complete rectification of the breakdown irrespective of number of visits to attend the same breakdown (excluding cost of Spares / Hardware required, if any).				

Sl. No	Description of Work / Item(s)	No.of Qty	Units	Rate	Amount
18.01	DG Sets Synchronizing Panel comprising of Auto Load Sharing and Load Managing Panel, Main Change Over Panel, PLC etc. at NPH (Make - Zeta Industrial Corp. Pvt Ltd.)				
18.02	a) For 1st Year	2.00	Job	11500.00	23000.00
18.03	b) For 2nd Year	2.00	Job	11500.00	23000.00
18.04	Vertical Inline Multi Stage Hydro Pneumatic Centrifugal Pump Set (3No. X 7.5HP) with Electrical Panel at NPH (Make - Grundfos)				
18.05	a) For 1st Year	2.00	Job	4000.00	8000.00
18.06	b) For 2nd Year	2.00	Job	4000.00	8000.00
18.07	For Fire Alarm control panel , 7 Loop intelligent analogue addressable, expandable, networkable at NITB. Work includes updating / editing / adding / disabling of devices etc complete as required. (Make- Honeywell, Model - XLS -1000):-				
18.08	a) For 1st Year	2.00	Job	7000.00	14000.00
18.09	b) For 2nd Year	2.00	Job	7000.00	14000.00
18.10	For Fire Alarm control panel, 2 Loop analogue addressable, at OTB (Make- Notifier, Model - NFS -3030)				
18.11	a) For 1st Year	2.00	Job	1300.00	2600.00
18.12	b) For 2nd Year	2.00	Job	1300.00	2600.00

Sl. No	Description of Work / Item(s)	No.of Qty	Units	Rate	Amount
18.13	For Fire Alarm control panel system Microprocessor based , 6 Zone control panel , with Auto Dialer Facility, installed at GP/LLZ/DVOR/NDB/TECH BLOCK (Make- Agni Suraksha / System Sensor) :-				
18.14	a) For 1st Year	10.00	Job	1500.00	15000.00
18.15	b) For 2nd Year	10.00	Job	1500.00	15000.00
19.00	Collection of Transformer Oil sample from Transformers of different capacities at site and testing the same from authorised testing laboratory and submission of test report for following parameters, complete as required :- (i) Acidity Test (ii) Flash Point Test				
19.01	a) For 1st Year	4.00	Job	1500.00	6000.00
19.02	b) For 2nd Year	4.00	Job	1500.00	6000.00
20.00	Dehydration & Filtration of 1600 KVA, 33/0.433 KV Transformers having oil capacity approx.2205 Ltrs at site including Testing of Transformer Oil B.D.V Test before and after Filtration for Transformers of following capacity. The job includes transportation of Filtration Machine etc. at site and submission of Test Reports, complete as required:-				
20.01	a) For 1st Year	3.00	Job	12000.00	36000.00
20.02	b) For 2nd Year	3.00	Job	12000.00	36000.00

Sl. No	Description of Work / Item(s)	No.of Qty	Units	Rate	Amount
21.00	Dehydration & Filtration of 750 KVA, 33/11 KV Transformers having oil capacity approx.1120 Ltrs at site including Testing of Transformer Oil B.D.V Test before and after Filtration for Transformers of following capacity. The job includes transportation of Filtration Machine etc. at site and submission of Test Reports, complete as required:-				
21.01	a) For 1st Year	1.00	Job	7000.00	7000.00
21.02	b) For 2nd Year	1.00	Job	7000.00	7000.00
22.00	Supply of brand new Transformer oil suitable for 1600 KVA, 33 KV/11 KV Power Transformers alongwith Test Reports of oil.				
22.01	a) For 1st Year	200.00	Litre	110.00	22000.00
22.02	b) For 2nd Year	200.00	Litre	120.00	24000.00
23.00	Inspection, Repairing, Servicing, Overhauling and Testing of following GE / C&S / ABB make Air Circuit Breakers from Manufacturer or Authorised Service Dealer or Specialised Agency and submission of Test Report etc., complete as required.				
23.01	1000/1250/1600 Amps				
23.02	a) For 1st Year	25.00	Each	1300.00	32500.00
23.03	b) For 2nd Year	25.00	Each	1400.00	35000.00
23.04	2500 Amps				

Sl. No	Description of Work / Item(s)	No.of Qty	Units	Rate	Amount
23.05	a) For 1st Year	15.00	Each	1500.00	22500.00
23.06	b) For 2nd Year	15.00	Each	1600.00	24000.00
24.00	Inspection, Servicing / Overhauling and Testing of following Jyoti Make HT Panels from Manufacturer or Authorised Service Dealer or Specialised Agency and submission of Test Report etc., as required.				
24.01	33 KV Panel consisting of 33 KV VCB.				
24.02	a) For 1st Year	5.00	Each	6000.00	30000.00
24.03	b) For 2nd Year	5.00	Each	6500.00	32500.00
24.04	11 KV Panel consisting of 11 KV VCB				
24.05	a) For 1st Year	1.00	Each	5000.00	5000.00
24.06	b) For 2nd Year	1.00	Each	5000.00	5000.00

Sl. No	Description of Work / Item(s)	No.of Qty	Units	Rate	Amount
25.00	Checking, Servicing, Callibration & Testing of protection relays provided on 5(Five) nos. 33 KV VCB panels from Manufacturer or Authorised Service Dealer or Specialised Agency and submission of Test Report etc. as required. a) IDMT O/C & Earth fault relays (3 OC + 1 EF) - 05 Set b) Master Trip Circuit relay - 05 Nos. c) Trip Ckt Supervision relay - 05 Nos. d) Under / Over Voltage Protection Relay - 01 No. e) Restricted Earth Fault relay - 04 Nos. f) Bulchhoz relay trip / alarm, Winding Temp. trip / alarm, Oil Temp. trip/alarm, OSR trip/ alarm, MOG alarm - 03 Set				
25.01	a) For 1st Year	1.00	Job	18000.00	18000.00
25.02	b) For 2nd Year	1.00	Job	18000.00	18000.00
26.00	Checking, Servicing, Callibration & Testing of protection relays provided on 1(One) no. 11 KV VCB panels from Manufacturer or Authorised Service Dealer or Specialised Agency and submission of Test Report etc. as required. a) IDMT O/C & Earth fault relays (3 OC + 1 EF) - 01 Set b) Master Trip Circuit relay -1 No. c) Trip Ckt. Supervision relay -1 No. d) Auxilary relay for transformer protect -1 No. e) Aux relay for transformer neutral - 1 No.				
26.01	a) For 1st Year	1.00	Job	3500.00	3500.00
26.02	b) For 2nd Year	1.00	Job	4500.00	4500.00

Sl. No	Description of Work / Item(s)	No.of Qty	Units	Rate	Amount
27.00	Checking, Callibration & Testing of Voltmenetr, Ammeter, Multifunction meter provided on different HT Side panels from manufacturer or Authorised Service Dealer or Specialised Agency and submisstion of Test Report etc. as required. a) Digital Ammeter -06 Nos. b) Digital Voltmeter - 02 Nos. c) Digital Multifunction Meter - 03 Nos..				
27.01	a) For 1st Year	1.00	Job	4500.00	4500.00
27.02	b) For 2nd Year	1.00	Job	5000.00	5000.00
28.00	Checking, Callibration & Testing of Voltmenetr, Ammeter, Multifunction meter provided on different MV/LT side panels panels from manufacturer or Authorised Service Dealer or Specialised Agency and submisstion of Test Report etc. as required. a) Digital Ammeter -65 Nos. b) Digital Voltmeter - 66 Nos. c) Analog Voltmeter - 04 Nos. d) Digital Multifunction Meter - 52 Nos..				
28.01	a) For 1st Year	1.00	Job	54000	54000.00
28.02	b) For 2nd Year	1.00	Job	60000.00	60000.00



Sl. No	Description of Work / Item(s)	No.of Qty	Units	Rate	Amount
29.00	Emission Testing at site for DG sets installed at DABH Airport through NABL Lab/approved Lab by CPCB for all parameters i.e. PM, SO ₂ , NO _x , CO etc complete as required.				
29.01	a) For 1st Year	6.00	Job	3000.00	18000.00
29.02	b) For 2nd Year	6.00	Job	3000.00	18000.00
30.00	Designing, Manufacturing, Supplying & Fixing of Signage Vinyl pasting in Two Layers in approved colour & design on existing LED Signages at site including dismantling & removing the old Signages and refixing the new signage sheet, complete as required.				
30.01	a) For 1st Year	20.00	Sq. Mtr.	300.00	6000.00
30.02	b) For 2nd Year	20.00	Sq. Mtr.	300.00	6000.00
31.00	SH:III : (DSR 2018)EXECUTION OF WORKS AS PER CPWD DELHI SCHEDULE OF RATES (E&M) 2018 WITH UPTO DATE SPECIFICATIONS, AS AND WHEN REQUIRED. Items as per CPWD Delhi Schedule of Rates (E&M) 2018 with upto date specifications, complete as required for a fixed amount as mentioned below:-				

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Sl. No	Description of Work / Item(s)	No.of Qty	Units	Rate	Amount
31.01	a) For 1st Year (For a Fixed amount of Rs 1,00,000/- on DSR (E&M 2018) Rates)	1.00	Year	50000.00	50000.00
31.02	b) For 2nd Year (For a Fixed amount of Rs 1,00,000/- on DSR (E&M 2018) Rates)	1.00	Year	60000.00	60000.00
Total Amount					20926952.00

(Rupees Two Crores Nine Lakh Twenty Six Thousand Nine Hundred Fifty Two Only)

Note : (GST shall be paid extra)

Yash
30.08.2022

**Senior Manager (Engg.-Elect.)
AAI, DABh Airport, Indore.**

वरिष्ठ प्रबंधक (अभि.-विद्युत)
Sr. Manager (Engg.-Elect.)
राष्ट्रीय विमानपत्तन प्राधिकरण
Airports Authority of India
ई. आ. डी. विमानतल/D. A. & H. Airport
इन्दौर (म.प्र.)/INDORE (M.P.)

Signature Not Verified

Digitally signed by pushkar pagnis
Date: 2022.09.01 13:57:35 IST
Location: eProcurement System for Central PSUs



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