

संख्या:-भाविप्रा/ अभि-वि/ काँगड़ा/एआरएमओ/डब्ल्यूई - 06/2021-22/776-784

दिनांक: 21.07.2021

Ref. No: - AAI/Engg.-E/Kangra/ARMO/WE - 06/2021-22/776-784

Date: 21.07.2021

सेवा में,

मेसर्स अनिल कुमार शर्मा,

548/2 कोलोनेल कॉलोनी नरवाल पैन

सतवारी जम्मू - 180004

To,

M/s Anil Kumar Sharma,

548/2 Colonel Colony Narwal Pain

Satwari Jammu - 180004

कार्य का नाम:- "काँगड़ा हवाई अड्डे पर विद्युत, यांत्रिकी एवं संबंधित संस्थापन हेतु वार्षिक अनुरक्षण तथा प्रचालन का कार्य 1 (2021-23)"।

Name of work: - "ARMO of Electrical, Mechanical & Allied Works at Kangra Airport, Kangra.(2021-23)"

संदर्भ:- आपकी ई-निविदा (Tender 2021_AAI_74402_1) की वित्तीय बिड दिनांक 14.06.2021 को खोली गयी।

Ref:-Your E-tender (Tender ID 2021_AAI_74402_1) Financial Bid opened on dtd. 14.06.2021.

महोदय / Dear Sir (S),

1. उपरोक्त उल्लेखित कार्य के लिए आपका ई-टेन्डर आपके द्वारा बताए गये मद मूल्यों पर कुल राशि ₹ 82,47,200.00 (दर जीएसटी के बिना) (₹ बयासी लाख सैंतालीस हजार दो सौ मात्र) जो कि अनुमानित लागत ₹ 99,76,679.00 जो टेण्डर में दी गई है से 17.34% नीचे है, अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से स्वीकृत किया जाता है।

Your E-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 ₹ 82,47,200.00 (Rates excluding of GST) (Rupees Eighty-Two Lakhs Forty Seven Thousand Two Hundred Only) which is 17.34% below the Estimated Cost put to tender of ₹ 99,76,679.00

2. वरिष्ठ प्रबंधक (अभि.-विद्युत), भारतीय विमानपत्तन प्राधिकरण, काँगड़ा हवाई अड्डा, काँगड़ा - 176209 इस कार्य के प्रभारी अभियंता होंगे। आपसे निवेदन है आप करारनामे पर हस्ताक्षर करने के लिए दिनांक 05/08/2021 तक वरिष्ठ प्रबंधक (अभि.-विद्युत), काँगड़ा हवाई अड्डा, काँगड़ा - 176209 के कार्यालय में उपस्थित हो तथा करारनामे को पूरा करें। ठेके का करारनामा रु 100/- (रु एक सौ मात्र) के नोन ज्युडिशियल स्टैम्प पेपर पर निष्पादित किया जाएगा जिसका खर्चा आपके द्वारा उठाया जाएगा।

Senior Manager (E-E), Airports Authority of India, Kangra Airport, Kangra - 176209 shall be Engineer-in-Charge of the work. You are requested to attend the office of Senior Manager (E-E), Airports Authority of India, Kangra Airport, Kangra - 176209 by 05/08/2021 to sign and complete the contract agreement. The contract agreement shall be executed on a non-judicial stamp paper of value of Rs.100/- (Rs. One Hundred only) and the cost of the stamp paper shall be borne by you.

3. कृपया इस पत्र के जारी होने की तिथि से 10 दिनों के भीतर प्रतिभूति राशि ₹ 8,24,720.00 (₹ आठ लाख चौबीस हजार सात सौ बीस मात्र) जमा कर दें, अन्यथा ठेके के करारनामे में GCC के पृष्ठ संख्या 17 पर क्लॉज नं.1A के अनुसार इतनी ही राशि आपके रनिंग बिल से काट ली जाएगी।

Please deposit ₹ 8,24,720.00 (Rs. Eight Lakhs Twenty-four Thousnad Seven Hundered Twenty 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 No. 1A on Page No. 17 of GCC of contract document.

लगातार - 2

संयं. यादव
21.07.2021

कार्यालय निदेशक विमानपत्तन, काँगड़ा हवाई अड्डा, काँगड़ा - 176209, दूरभाष - 01892 - 232374 फैक्स - 01892-233430

O/o Airport Director, Kangra Airport, Kangra -176209, Telephone - 01892-232374 Fax 01892-233430

“हिन्दी पत्रों का स्वागत है।”

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4. आपसे निवेदन है कि आप केन्द्रीय और राज्य सरकारों के 1970 के अनुबंध श्रम (विनियमन और उन्मूलन) अधिनियम के प्रावधान और अनुबंध श्रम (विनियमन और उन्मूलन) के केंद्रीय नियम 1971, बालश्रम (निषेध और विनियमन) अधिनियम 1986, निर्माण श्रमिक (रोजगार और सेवा की शर्त का विनियमन) अधिनियम 1996, भवन और अन्य निर्माण श्रमिक कल्याण उपकर अधिनियम 1996 आदि जैसाकि निविदा दस्तावेज और केंद्रीय एवं राज्य सरकार के नियमों में निर्दिष्ट प्रावधानों का अनुपालन करें।

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, Child Labour (Prohibition & Regulation) Act 1986, Construction Workers (Regulation of Employment & Condition of Service) Act 1996, Building and other construction Workers Welfare Cess Act 1996 as specified in the tender document and rules of Central and State Government.

5. आपको निर्देशित किया जाता है कि तुरंत वरिष्ठ प्रबंधक (अभि.-विद्युत), भारतीय विमानपत्तन प्राधिकरण, कांगड़ा हवाई अड्डा, कांगड़ा से मिले वह आप को साइट सौंपने की व्यवस्था करेंगे।

You are directed to contact Senior Manager (Engg.-Elect), Airports Authority of India, Kangra Airport, Kangra immediately who will arrange to hand over the site to you.

6. कृपया नोट कर ले कि काम करने का निर्धारित समय **24 (चार) माह** है जोकि 01.08.2021 से गिना जाएगा।

Please note that the time allowed for carrying out the work shall be **24 (Twenty Four) Months** and same shall be reckoned from 01.08.2021.

7. इस अनुबंध के संबंध में कोई और पत्राचार सामान्य रूप से प्रभारी अभियंता को संबोधित किया जाये।

Any further correspondence in connection with this contract should normally be addressed to Engg.-in-Charge.

8. कृपया पावती भेजें और इस पत्र की डुप्लिकेट कॉपी हस्ताक्षर करने के बाद स्वीकृति के टोकन के रूप में अधोहस्ताक्षरी को लौटाएं।

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.

नोट : हिंदी अथवा अंग्रेजी संस्करण में अंतर पाये जाने पर अंग्रेजी संस्करण मान्य होगा।

NOTE: If there any discrepancy is observed in Hindi and English version, the English version will be considered.

सत्येंद्र रावत
21.07.2021

वरिष्ठ प्रबंधक (अभि.-विद्युत) /Sr. Manager (Engg. - E),
के लिए और ओर तरफ से - अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण,
For and on behalf of the Chairman, Airports Authority of India,

संलग्न / Enclosed:- Bill of Quantities

Bill of Quantities

कार्य का नाम: "कौंगड़ा हवाई अड्डे पर विद्युत, यांत्रिकी एवं सम्बंधित संस्थापन हेतु वार्षिक अनुरक्षण तथा प्रचालन का कार्य। (2021-23)"

Name of work: "ARMO of Electrical, Mechanical & Allied Works at Kangra Airport, Kangra. (2021-23)"

Sr. No.	Description of Items	Unit	Qty	Rate	Amount
1	Running, operation & maintenance of all Internal & External electrical installations, installed at Terminal Building, ATC Building, Fire Station, DVOR, Power House, Operational Area, Apron, City Side, Airport Colony and Car Parking etc. including Airport Colony as per inventory of Electrical installation with deputing following minimum manpower per day (on all days excluding Sunday / Weekly offs) alongwith required T&P and sundries etc. complete as required (a) Supervisor - Highly Skilled - 01 No. - General Shift (06 Days in a Week) (b) Wireman - Skilled - 06 Nos. (06 Days in a Week) (c) Assistant Operator-Semi Skilled-08 Nos. (06 Days in a Week) (d) Helper - Unskilled - 07 Nos. (06 Days in a Week) Note: The Tenderers have to consider the cost of Uniforms, Log Books, Consumables, Tools And Tackles etc. as per tender conditions in the Quoted Rates.	Month	24	305000.00	7320000.00
2	Supply of EHV grade transformer oil (BDV - Minimum 50KV) with test report for topping up of transformers / MOCBs / RMUs etc. as required.	Litre	210	200.00	42000.00
3	Carring out BDV (Break Down Voltage) Test of Transformer Oil and submission of Test reports etc. complete as required.	Each	12	200.00	2400.00
4	Filtration /Dehydration of Transformer oil at site so as to attain dielectric strength as specified in IS 335/1983 after filtration for BDV instantaneous & one minute withstand, carrying out acidity test of the sample after dehydration i/c transportation of dehydration machine at site and submission of report etc. complete as required.	Litre	4120	10.00	41200.00
5	Servicing and Overhauling of HT, OCB Make GEC, ALSTHOM, 11KV, 350MVA, 400Amp, 3Phase, 50Hz including testing of tripping mechanism, checking breaker operations, control wirings and fault rectification etc. alongwith lumbrication of moveable parts and cleaning of jaw contacts etc and replacement of defective parts as per site requirement. (Spare parts will be provided by AAI or paid extra) (Rate Job per Unit per Year)	Job	6	2800.00	16800.00
6	Servicing and Overhauling of LT, ACB Make L&T, 415V, 1000A,3Phase, 50Hz including testing of tripping mechanism, checking breaker operations, control wirings and fault rectification etc. alongwith lumbrication of moveable parts and cleaning of jaw contacts and sparking chambers etc. and replacement of defective parts as per site requirement. (Spare parts will be provided by AAI or paid extra) (Rate Job per Unit per Year)	Job	6	2800.00	16800.00
7	Testing and calibration of following HT panel Voltage and Current Operated relays including secondary injection testing and settings once in a year, submitting test reports etc. complete as required. (The work shall be carried out from experienced relay calibration agency.) (Rate Unit per Year)				
	(a) Earth Fault Relay (Inverse) Type CDG (Make ALSTOM)	Each	4	1000.00	4000.00
	(b) Over Current Relay (Inverse) Type CDG (Make ALSTOM)	Each	8	1000.00	8000.00
	(c) Auxiliary Relay Type VAA (Make ALSTOM)	Each	6	1000.00	6000.00
8	Testing and calibration of following LT panel Voltage and Current Operated relays including secondary injection testing and settings once in a year, submitting test reports etc. complete as required. (The work shall be carried out from experienced relay calibration agency.) (Rate Unit per Year)				
	(a) Earth Fault Relay (Inverse) Type CDG (Make ALSTOM)	Each	2	1000.00	2000.00
	(b) Earth Fault Relay (Inverse) Type CDG (Make ENGLISH ELECTRIC)	Each	2	1000.00	2000.00
	(c) Over Current Relay (Inverse) Type CDG (Make ALSTOM)	Each	4	1000.00	4000.00
	(d) Over Current Relay (Inverse) Type CDG (Make ENGLISH ELECTRIC)	Each	4	1000.00	4000.00

Sr. No.	Description of Items	Unit	Qty	Rate	Amount
9	Rewinding of single phase motors of ceiling Fan/ Exhaust / wall mounted fan i/c credit for dismantled winding, replacement of defective bearings / bushing, Greasing, varnishing and transportation (to and fro) etc. complete as required.	Each	20	500.00	10000.00
10	Lifting & lowering of submersible motor pump set including associated GI pipes from borewell by arranging tripod and pulley apparatus and reinstallation, lowering, testing of motor pump set etc. complete as required.	Each	4	2000.00	8000.00
11	Rewinding of 7.5 HP three phase submersible motor pump set i/c credit for dismantled winding, replacement of bearings, varnishing and transportation (to and fro) etc. complete as required.	Each	1	5000.00	5000.00
12	Rewinding of 10 HP three phase submersible motor pump set i/c credit for dismantled winding, replacement of bearings, varnishing and transportation (to and fro) etc. complete as required.	Job	1	5000.00	5000.00
13	Complete overhauling of submersible pump by carrying out balancing of pump shaft and cutting of key slots, repairs to bowl assembly etc. complete in all respects and directed by Engineer-in-Charge. (New spares/parts shall be provided or paid extra)	Job	2	5000.00	10000.00
14	Supply & carrying out of B-check (Lube/Engine Oil, Fuel Filter, Oil Filter, Toppat Gasket Covers etc.) of mobile DG Set as per manufacturers recommendations etc. complete i/c service charges & the servicing shall be provided from Authorised dealer for 10 KVA (Ashoka Leyland) make DG set.	Job	2	12000.00	24000.00
15	Annual Comprehensive, repair & maintenance of 50 LPH R.O. Unit units including supply replacement of filters, pumps, membranes and all other spares including repair/replacement of electronic components as per site requirement and additional visits during the contract period as per site requirement and as and when required in the event of any break down/Malfunctioning of the RO System etc. as required. (All materials for repalcement/rewinding to be arrange by contractor). (Rates Job per unit per Year)				
	(a) First Year	Each	5	4000.00	20000.00
16	Annual Comprehensive, repair & maintenance of 15 LPH R.O. Unit (Kent Make with 8 Ltr Storage Tank) units including supply replacement of filters, pumps, membranes and all other spares including repair/replacement of electronic components as per site requirement and additional visits during the contract period as per site requirement and as and when required in the event of any break down/Malfunctioning of the RO System etc. as required. (All materials for repalcement/rewinding to be arrange by contractor). (Rates Job per unit per Year)				
	(a) First Year	Each	1	4000.00	4000.00
	(b) Second Year	Each	1	4000.00	4000.00
17	Annual comprehensive repair & maintenance of 120 / 120 Litre capacity water coolers i/c supply and replacement of defective compressor by approved make compressor and other defective component, i/c rewinding of motor pertaining to water cooler, replacement of drainage pipe, capacitor, relay, thermostat, Gas charging etc. as per site requirement and as and when required in the event of any break down/Malfunctioning of the Water Coolers etc. as required. (All materials for repalcement/rewinding to be arrange by contractor). (Rates Job per unit per Year)				
	(a) First Year	Each	5	3000.00	15000.00

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21.07.2024
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Sr. No.	Description of Items	Unit	Qty	Rate	Amount
18	Annual comprehensive repair & maintenance of 40 / 80 Litre capacity water coolers i/c supply and replacement of defective compressor by approved make compressor and other defective component, i/c rewinding of motor pertaining to water cooler, replacement of drainage pipe, capacitor, relay, thermostat, Gas charging etc. as per site requirement and as and when required in the event of any break down/Malfunctioning of the Water Coolers etc. as required. (All materials for repalcement/rewinding to be arrange by contractor). (Rates Job per unit per Year)				
	(a) First Year	Each	4	3000.00	12000.00
19	Annual comprehensive repair & maintenance of 1.5 TR /2.0 TR Window type air cooled airconditioner Units i/c supply & replacement of defective compressor by approved make compressor & other defective component, i/c rewinding of motor pertaining to AC units (all material for replacement), replacement of drainage pipe, capacitor, relay, thermostat, Gas charging etc. as per site requirement and as and when required in the event of any break down/Malfunctioning of the AC Units etc. as required. (All materials for repalcement/rewinding to be arrange by contractor). (Rates Job per unit per Year)				
	(a) First Year	Each	16	2000.00	32000.00
	(b) Second Year	Each	16	2000.00	32000.00
20	Annual comprehensive repair & maintenance of following 1.5 TR / 2.0 / 3.0 TR Split type air cooled airconditioner Units i/c supply & replacement of defective compressor by approved make compressor & other defective component, i/c rewinding of motor pertaining to AC units (all material for replacement), replacement of drain pipe, capacitor, relay, thermostat, Gas Charging etc. as per site requirement and as and when required in the event of any break down/Malfunctioning of the AC Units etc. as required. (All materials for repalcement/rewinding to be arrange by contractor). (Rates Job per unit per Year)				
	(a) First Year	Each	25	2500.00	62500.00
	(b) Second Year	Each	25	2500.00	62500.00
21	Annual comprehensive repair & maintenance of 2.0 TR Split type air cooled airconditioner Units (Cooling + Heating) i/c supply & replacement of defective compressor by approved make compressor & other defective component, i/c rewinding of motor pertaining to AC units (all material for replacement), replacement of drain pipe, capacitor, relay, thermostat, Gas Charging etc. as per site requirement and as and when required in the event of any break down/Malfunctioning of the AC Units etc. as required. (All materials for repalcement/rewinding to be arrange by contractor). (Rates Job per unit per Year)				
	(a) First Year	Each	2	3500.00	7000.00
	(b) Second Year	Each	2	3500.00	7000.00
22	Rewinding of inline fan three phase motor i/c credit for dimantled winding, replacement of bearings, varnishing, and transportation (to and fro) etc. complete as required.	Job	10	500.00	5000.00
23	Annual comprehensive repair & maintenance of Water Fountain with bubbler i/c supply & replacement of defective compressor by approved make compressor & other defective component, i/c rewinding of motor pertaining to water fountain units (all material for replacement), replacement of drain pipe, capacitor, relay, thermostat, pressure boosting device, UV Filter, fountain with bubbler, push button, Gas Charging etc. as per site requirement and as and when required in the event of any break down/Malfunctioning of the water fountain etc. as required. (All materials for repalcement/rewinding to be arrange by contractor). (Rates Job per unit per Year)				
	(a) First Year	Each	4	2000.00	8000.00
	(b) Second Year	Each	4	5000.00	20000.00

Sr. No.	Description of Items	Unit	Qty	Rate	Amount
24	Annual Comprehensive maintenance of all Electrical & Mechanical Installations of Fire Alarm & Fire Fighting System including repair, maintenance & attending to complaints / faults/ breakdowns and taking rectification action, ensuring serviceability/satisfactory working condition of the systems, preventive maintenance, maintenance of records/documentations, etc. as per the detailed specifications, terms & conditions covered under this contract on all days including Sundays & holidays etc. complete as required. (The contractor has to depute a Fire supervisor/mechanic & other minimum manpower for a minimum visit in each month for satisfactory completion of work.)				
	(a) First Year	Month	12	5000.00	60000.00
	(b) Second Year	Month	12	5000.00	60000.00
25	Refilling of existing 2kg ABC type fire extinguishers including transportation.	Each	10	400.00	4000.00
26	Refilling of existing 10kg ABC type fire extinguishers including transportation .	Each	20	700.00	14000.00
27	Refilling of existing 10kg CO2 type fire extinguishers including transportation	Each	20	700.00	14000.00
28	Supply of 12 Volt, 180 AH, Lead Acid Battery along with complete initial Battery Charging etc required.	Each	4	16500.00	66000.00
29	Supply of 12 Volt, 100 Ah Lead Acid Battery along with initial Battery Charging etc required.	Each	2	12500.00	25000.00
30	Supply of SMF Battery 12 Volt, 65 AH etc. required.	Each	2	10000.00	20000.00
31	<i>Dismantalling / shifting / Re-installation</i> of 1.5/2.0/3.0 TR Split / Tower type <i>Airconditioners</i> on wall, Floor or Ceiling i/c gas charging, associated Civil Works and making all arrangement for successful ITC of AC Units etc. complete as required.	Each	5	3000.00	15000.00
32	Supply, Installation, Testing & Commissioning of suitable dia. <i>Copper piping</i> for suction and discharge liquid lines for 1.5/2/3 TR split / Tower type airconditioners i/c wiring, drain pipe, insulation and protective covering etc. complete as required.	Meter	50	1000.00	50000.00
33	Painting / Spray Painting of existing electrical L.T. cubical panels, Hydrant Pipes for fire fighting, feeder pillars, marshalling boxes etc. with two coat of synthetic enamel paint of approved make and colour i/c including scrapping by sand/emery paper to get even surface and applying metal primer on corroded surface etc. complete as required.	Sq.M.	50	100.00	5000.00
34	Painting with Aluminium paint upto 9.00 mtr. height existing electric poles with two or more coats of approved Brand i/c including scrapping by sand/emery paper to get even surface and applying metal primer on corroded surface etc. complete as required.	Each	55	100.00	5500.00
35	Painting with Aluminium / Metal paint upto 4.5 mtr. height existing electric poles with two or more coats of approved Brand i/c including scrapping by sand/emery paper to get even surface and applying metal primer on corroded surface etc. complete as required.	Each	265	100.00	26500.00
36	To Carry out the complete items of work on CPWD schedule of rates (DSR-2018 - E&M) as per CPWD specifications as required for an amount of Rs 100,000/-. (Note : Rate of DSR items shall be calculated by deducting GST component from schedule rate on account of GST and the quantity. Rs 100000.00 is after deducting the GST component) (Refer Clause - 35 of Guidance to Tenderer at Page No. GTT -5 for quoting rate for this Item)	Rs.	100000	0.60	60000.00
Total				₹ 8,247,200.00	

(Rs. Eighty Two Lakhs Forty Seven Thousand Two Hundred only)

Signature Not Verified

Digitally signed by MAYANK YADAV
Date: 2021.10.04 13:36:36 IST
Location: eProcurement System for Central PSUs