



भारतीय विमानपत्तनप्राधिकरण

बिरसामुण्डाविमानपत्तन, राँची- 834002

AIRPORTS AUTHORITY OF INDIA

BIRSA MUNDA AIRPORT. RANCHI - 834002

संख्या: भाविप्रा/आर.सी./स.महाप्र.(अभि.-वि.)/डब्लु.ओ.-06/2019-20/468-474

दिनांक: 06.03.2020

सेवा में,

M/s T.B.Refrigeration & Electricals Pvt. Ltd.,
G-8 Ashadeep Apartment, Jorar, Purulia Road, Namkum,
Ranchi - 834010

विषय: "SITC of Split type, Window type and Tower type air conditioners, RO water purifiers, dehumidifiers, heat convectors etc. at B.M. Airport, Ranchi."

- संदर्भ:** (i) CPP Portal Bid No: 2020_AAI_40694_1
(ii) Your Price Bid on CPP portal - 19.02.2020

महोदय,

- उपर्युक्त कार्य हेतु आपकी निविदा अध्यक्ष, भा0वि0प्रा0 की ओर से एतद्वारा इस आधार पर स्वीकार की जाती है कि आपके द्वारा उद्धृत आइटम दरों पर कुल योग 58,72,375/- (रु0 अठ्ठावन लाख बहत्तर हजार तीन सौ पचहतर रुपया मात्र) जो कि 21.51% न्यायसंगत दर 74,82,102/- (रु0 चौहउेतर लाख बेरासी हजार एक सौ दो रुपया मात्र) से कम है। (Your tender for the work mentioned above hereby accepted on behalf of the Chairman, AAI, at the item rates quoted by you totalling to **Rs. 58,72,375/- (Rupees Fifty Eight Lakh Seventy Two Thousand Three Hundred Seventy Five Only)** which is 21.51% below from the justified cost **Rs. 74,82,102/- (Rupees Seventy Four Lakh Eighty Two Thousand One Hundred and Two Only)**).
- सहा.महाप्रबंधक (अभि.-विद्युत), भा0वि0प्रा0 बिरसा मुण्डा हवाई अड्डा राँची कार्य के प्रभारी अभियंता होंगे। आप कृपया अपने प्राधिकृत एवं संविदा-करार पर हस्ताक्षर करने में सक्षम प्रतिनिधि को हस्ताक्षर एवं करार पूरा करने हेतु सहा.महाप्रबंधक (अभि.-विद्युत) भारतीय विमानपत्तन प्राधिकरण, बिरसा मुण्डा हवाई अड्डा, राँची के कार्यालय में 20.03.2020 तक भेजे। संविदा करार आप द्वारा उपलब्ध कराए गए 100/- रु (सौ रुपया) के गैर अदालती पक्के कागज पर सम्पादित किया जाएगा। (AGM (Engg.-E), AAI, BM Airport, Ranchi, 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 AGM (Engg.-E), Airports Authority of India, BM Airport, Ranchi by **20.03.2020** to sign and complete the agreement. The contract agreement shall be executed on a non-judicial stamp paper of value Rs. 100/- and cost of the stamp paper shall be borne by you.)
- संविदा कागजात के पृष्ठ NIT-3 पर दर्ज शर्त- 17 के अनुसार आपकी निविदा के साथ प्राप्त 1,29,387/- (रु0 एक लाख उन्नतीस हजार तीन सौ सतासी मात्र) की बयाना राशि को प्रतिभूति जमा राशि में परिवर्तित कर दिया गया है। कृपया इस पत्र के जारी होने की तिथि से 15 दिनों के भीतर प्रतिभूति जमा राशि शेष 4,57,851/- (रु0 चार लाख सनतावन हजार आठ सौ एकावन मात्र) जमा करें अन्यथा संविदा कागजात के पृष्ठ GCC-12 पर दर्ज-1(ए) के अनुसार यह राशि आपके चालू बिलों से काट ली जाएगी। (As per condition (17) on page NIT-3 of the contract documents, Earnest Money amount of **Rs. 1,29,387/- (Rupees One Lakh Twenty Nine Thousand Three Hundred Eighty Seven Only)** received along with your tender has been converted as part of security deposit. Please deposit **Rs. 4,57,851/- (Rupees Four Lakh Fifty Seven Thousand Eight Hundred Fifty One Only)** towards security deposit within 15 days from the date of issuing of this letter, failing which, the same will be deducted from your running bills as per condition 1(A) on page GCC-12 of the contract documents).
- आपसे अनुरोध है कि आप संविदा श्रम (नियमन व समापन) अधिनियम-1970 के प्रावधानों तथा संविदा श्रम (नियमन व समापन) केन्द्रीय नियम, 1971, एवं केन्द्र व राज्य सरकारों के तत्सम्बन्धी न्यूनतम मजदूरी अधिनियम व नियमों का पालन 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 & Minimum Wages Act., & rules thereof of Central and State Governments).



भारतीय विमानपत्तनप्राधिकरण

बिरसामुण्डाविमानपत्तन, राँची- 834002

AIRPORTS AUTHORITY OF INDIA

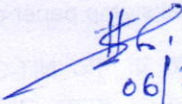
BIRSA MUNDA AIRPORT. RANCHI - 834002

5. आपको यह निर्देश भी दिया जाता है कि प्रबंधक (अभि.-विद्युत), भारतीय विमानपत्तन प्राधिकरण, बिरसा मुण्डा हवाई अड्डा, राँची से शीघ्र संपर्क करें, जो आपको कार्यस्थल सौंपने की व्यवस्था करेंगे। कृपया यह नोट किया जाए कि निविदा में की गई प्रविष्टि के अनुसार काम करने की अवधि **(03) तीन महीना** है, जिसकी गिनती इस पत्र के जारी होने के दसवें दिन के बाद से शुरू हो जाएगी। (You are also directed to contact the Mgr. (E-E), Airports Authority of India, BM Airport, Ranchi who will arrange to hand over the site to you. Please note that the time allowed for carrying out the work as entered in the tender is **(03) Three Months**, which shall be reckoned after 10 days from the date of issue of this letter).
6. आपकी निविदा एवं इस कार्य के संदर्भ में उल्लिखित पत्र, इस अवार्ड पत्र सहित करार का हिस्सा होंगे। कृपया नोट करें कि दोष दायित्व अवधि **(12) बारह महीने** होगी। (Your tender mentioned above under the reference for this work shall form part of the agreement along with this awarded letter. Please note that the defect liability period shall be **(12) Twelve Months**).
7. भविष्य में निविदा से संबंधित कोई भी पत्राचार सहा.महाप्रबंधक (अभि.-विद्युत), भारतीय विमानपत्तन प्राधिकरण, बिरसा मुण्डा हवाई अड्डा, राँची से किया जाए। (Any further correspondence in connection with the contract shall normally be addressed to the AGM (Engg.-E), BM Airport, Ranchi).
8. एजेंसी द्वारा उद्धरण दर/रकम जिसमें जी.एस.टी. असम्मिलित है और जी.एस.टी. बिल प्रस्तुत करने के बाद ही वास्तविक आधार पर प्रतिपूर्ति की जायेगी। Rate/Amount Quoted by Agency is exclusive of GST and the same shall be reimbursement on actual basis on production of GST invoice.
9. कृपया पावती भेजें। (Please acknowledge the receipt of the same.)

धन्यवाद,

संलग्न :- मदों की सूची - Annexure - I

भवदीय


06/3/2020

सहा.महाप्रबंधक (अभि.-वि.)/AGM(E-E)
अध्यक्ष की ओर से और उनके लिए /On behalf of the "Chairman"
भा.वि.प्रा. /AAI, बिरसा मुण्डा एयरपोर्ट / BM Airport
राँची /Ranchi-834 002

AIRPORTS AUTHORITY OF INDIA
(ELECTRICAL ENGINEERING WING)

SCHEDULE OF QUANTITY

Name of Work :- SITC of Split type, Window type and Tower type air-conditioners, RO water purifiers, dehumidifiers, heat convectors etc. at B.M. Airport, Ranchi.

S.No.	Description of Items	Qty.	Unit	Rate	Amount
1	Supply of 1.5 TR highly energy efficient, hi-wall mounted Split type inverter Air-conditioner with high ISEER, 5 star rating, dual inverter compressor, cordless remote, suitable for operation on 230 Volts +/- 10%, 50 Hz, single phase A.C. supply, having copper condenser coil, capable of performing cooling, dehumidifying, air circulating, filtering and ventilation etc. provided with refrigerant piping of at least 3 mtrs. with insulation, cabling of at least 3.0 mtrs, drain pipe etc. as required.	71	Each	31500.00	2236500.00
2	Supply of 2.0 TR highly energy efficient, hi-wall mounted Split type inverter Air-conditioner with high ISEER, minimum 3 star rating, dual inverter compressor, cordless remote, suitable for operation on 230 Volts +/- 10%, 50 Hz, single phase A.C. supply, having copper condenser coil, capable of performing cooling, dehumidifying, air circulating, filtering and ventilation etc. provided with refrigerant piping of at least 3 mtrs. with insulation, cabling of at least 3.0 mtrs, drain pipe etc. as required.	16	Each	39000.00	624000.00
3	Supply of 3.0 TR highly energy efficient, inverter based Tower type air-conditioner with high ISEER, cordless remote, suitable for operation on 415 Volts +/- 10%, 50 Hz, three phase A.C. supply, having copper condenser coil, capable of performing cooling, dehumidifying, air circulating, filtering and ventilation etc.	17	Each	69000.00	1173000.00
4	SITC of 1.5 TR highly energy efficient, window type inverter Air-conditioner, minimum 3 star rating, dual inverter compressor, cordless remote, suitable for operation on 230 Volts +/- 10%, 50 Hz, single phase A.C. supply.	7	Each	31250.00	218750.00
5	Installation, testing and commissioning of indoor and outdoor unit for 1.5 TR/ 2.0 TR air-conditioners along with laying and fixing of copper refrigerant pipe, drain pipe, cabling upto 3.0 mtrs.	81	Each	1250.00	101250.00
6	Installation, testing and commissioning of indoor and outdoor unit for floor standing, 3.0 TR Tower type air-conditioners.	17	Each	5500.00	93500.00
7	Extra for supply and fixing copper refrigerant piping (suction + discharge) for 1.5 TR/ 2.0 TR Split AC, with insulation and flexible power cable up to outdoor unit beyond 3.0 metres etc. as required (Note: upto 3.0 mtr included in item no.-1 & 2).	150	Metre	600.00	90000.00
8	SITC of copper refrigerant piping (suction + discharge) for 3.0 TR Tower type Split AC, with nitrile rubber insulation along with flexible power cable between indoor and outdoor unit.	60	Metre	600.00	36000.00
9	Extra for supply and fixing suitable size PVC Drain Pipe from Indoor unit to the drain outlet of suitable size for 1.5 TR to 3.0 TR as required.	200	Metre	150.00	30000.00
10	Supplying and fixing MS frame for installation of outdoor unit for 1.5 TR/ 2.0 TR Split ACs with suitable nut-bolts, washers, rubber gaskets etc. as required.	81	Each	400.00	32400.00
11	Supplying and fixing SPN DB (metallic enclosure) on surface alongwith providing 20 amps "C" curve, SP, MCB in the DB complete with connections, testing and commissioning etc. as required.	50	Each	1000.00	50000.00
12	Wiring for light/ power plug with 2X4 sq. mm FRLSH PVC insulated copper conductor single core cable in surface/ recessed PVC conduit alongwith 1 No. 4 sq. mm FRLSH PVC insulated copper conductor single core cable for loop earthing as required.	300	Metre	260.00	78000.00
13	Wiring for light/ power plug with 4X4 sq. mm FRLSH PVC insulated copper conductor single core cable in surface/ recessed PVC conduit alongwith 2 No. 4 sq. mm FRLSH PVC insulated copper conductor single core cable for loop earthing as required.	200	Metre	350.00	70000.00
14	Dismantling of existing Split type/ Tower type/ Window type A.Cs of different capacities including pipeline and other accessories from different locations and shifting to AAI Store etc complete as required.	50	Each	495.00	24750.00

S.No.	Description of Items	Qty.	Unit	Rate	Amount
15	SITC of air dehumidifier having moisture removal capacity of minimum 50ltrs. - 60 ltrs./day, electronic control with water tank volume of minimum 6 litre, ambient temperature of 20 degree celsius, suitable to work on 230 Volts +/- 10%, 50 Hz, single phase A.C. power supply i/c drainout pipe of length upto 3.0 mtr.	7	Each	27000.00	189000.00
16	SITC of domestic type UV+RO water purifier suitable to work on single phase, 230V, 50 Hz AC supply (01 no. be supplied and installed at Dhanbad ADS-B site).	1	Each	15000.00	15000.00
17	SITC of RO+UV Water cooler cum purifier with 7 stage purification with water storage capacity 80 Litre, stainless steel body, having 02 nos. of faucets, suitable to work on single phase, 230V (+/- 10%) and 50 Hz power supply. (Model equivalent: Eureka Forbes make Model- AG Green Pure Chill 80 SS RO+UV.)	6	Each	83350.00	500100.00
18	Supplying and fixing of following size ISI marked PVC trunking/ casing and capping alongwith accessories in surface/ recess including painting incase of surface or cutting the wall and making good the same in case of recessed conduit as required.				
	(i) 32 mm X 16 mm.	300	Mtr.	75.50	22650.00
19	Supplying and drawing following sizes of FRLSH PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit/ PVC trunking/ Casing and capping as required.				
	(i) 3 X 4.0 sqmm.	300	Mtr.	125.75	37725.00
20	Supply of 1.1KV grade, XLPE / PVC insulated stranded aluminium conductor armoured of following size cable conforming to IS:7098 part-I with up to date ammendments as required.				
	(i) 3.5 X 35 sqmm.	600	Mtr.	165.00	99000.00
21	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 kV grade of following size on cable tray/ surface as required.				
	a) Upto 35 sq.mm. (clamped with 1 mm thick saddle)	200	Mtr.	45.00	9000.00
22	Supplying and making end termination with double compression brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 kV grade as required.				
	a) 3.5 X 35 sq.mm.	4	Each	800.00	3200.00
23	Supplying and fixing of 4 ways (8 + 12) surface/ recess mounting, 415 V, VTPN MCB distribution board of sheet steel, double door (IP43 protection), duly powder painted, Insulated bus bar assembly, Isolated neutral link, earth bar, for mounting MCBs (but without MCBs and incomer) as required.	1	Each	8000.00	8000.00
24	Supplying and fixing 20 Amps. rating, 230 Volts, 'C' Series, SP, miniature circuit breaker suitable for inductive load in the existing MCB DB complete with connections, testing and commissioning etc. as required.	6	Each	215.00	1290.00
25	Supplying and fixing 63 Amps. rating, 415 Volts, 'C' Series, TPN, miniature circuit breaker suitable for inductive load in the existing MCB DB complete with connections, testing and commissioning etc. as required.	1	Each	1600.00	1600.00
26	Supplying and fixing 32 Amps. rating, 415 Volts, 'C' Series, TPN, miniature circuit breaker suitable for inductive load in the existing MCB DB complete with connections, testing and commissioning etc. as required.	6	Each	1235.00	7410.00
27	Supplying and fixing 4P, 63A MCCB with breaking capacity 16kA including providing and fixing metallic MCCB enclosure with IP43 protection on wall along with necessary accessories and connections complete as required.	2	Each	4575.00	9150.00
28	Supplying and fixing TPN DB (metallic enclosure) on surface alongwith providing 32 Amps "C" curve, TPN, MCB in the DB complete with connections, testing and commissioning etc. as required.	6	Each	1600.00	9600.00
29	SITC of Industrial type pre iron filter of 24 inch length(approx.) having minimum capacity of 180 Lph for attachment with the existing water purifier, water taps as required.	10	Each	10150.00	101500.00
				Total	5872375.00
				Say Rs.	5872375.00

Note: Rate is Comprehensive and excluding of GST.

Say Rs. 58,72,375/- (Rupees Fifty Eight Lacs Seventy Two Thousand Three Hundred Seventy Five Only)

Signature Not Verified

Digitally signed by SAYANASHIS DAS
Date: 2020.03.12 15:44:35 IST
Location: eProcurement System for Central PSUs

AGM (Engg.-Elect.)
SAYANASHIS DAS

06/03/2020