भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

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संदर्भ सं: भाविप्रा/बि बि एस आर/इंजी(सि)/पोर्टा केबिन/W.O-02/2021-22/ दिनांक: 11.06.2021

Ref: AAI/BBSR/Engg(C)/Porta Cabin/W.O-02/2021-22/ 7495-7503 Date: 11.06.2021

TO,

श्री अरविंद टेक्नो कॉंट्रेक्ट्स/ M/s. Arvind Techno Contracts,
95-A,न्यू मंगलपुरी/ 95-A, New Manglapuri
एम. जी. रोड/ M.G. Road,
न्यू दिल्ली -110030/New Delhi-110030.

O/C
BY SPEED POST

विषय: बिजू पटनायक अंतरराष्ट्रीय हवाई अड्डा, भुवनेश्वर पर बीसीएएस के लिए प्री-फैब्रिकेटेड पोर्टा केबिन कार्यालय की आपूर्ति और स्थापना।

Sub: Supply & Installation of pre-fabricated Porta Cabin Office for BCAS at B.P.I Airport, Bhubaneswar

संदर्भ: आपका निविदा 12.05.2021 में खुल गया।

Ref. : Your Tender opened on 12.05.2021.

महोदय / Sir (s),

1. उपरोक्त कार्य के लिए आपका ई-निविदा अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से आप के द्वारा उद्धृत मद दर जिसकी कुल राशि 40,67,300.00 (रुपया चालीस लाख सड़सठ हजार तीन सौ मात्र) (जीएसटी अतिरिक्त) जो कि निविदा की लागत रु. 33,65,930.00 से 20.84% अधिक है, स्वीकृत किया जाता है।

   Your E-Tender for the work mentioned above is hereby accepted on behalf of Chairman, Airports Authority of India, at the item rates quoted by you totaling to Rs. 40,67,300.00 (Rupees Forty Lakhs Sixty-seven Thousand Three only) (GST extra) which is 20.84% above the estimated cost put to tender of Rs. 33,65,930.00.

2. संयुक्त महा प्रबंधक (अभि.-सिविल), भारतीय विमानपत्तन प्राधिकरण, बि.पि.आइ. हवाई अड्डा, भुवनेश्वर इस कार्य के इंजीनियर प्रभारी होंगे। आपसे अनुरोध है कि आप संविदा करार पर हस्ताक्षर करने एंव उसे पूरा करने हेतु इस पत्र के जारी किए जाने के 10 (दस) दिनों के भीतर संयुक्त महा प्रबंधक (अभि.-सिविल), भारतीय विमानपत्तन प्राधिकरण, बि.पि.आइ.हवाई अड्डा के कार्यालय मे उपस्थित हों। संविदा करार रु 100/- (सौ रुपये मात्र) के न्यायिकेतर (नॉन ज्युडिशियल) स्टाम्प पेपर पर बनाया जाएगा और स्टाम्प पेपर की लागत आपको वहन करनी होगी।

   Jt. General Manager Engg (C), AAI, B.P.I. Airport, Bhubaneswar shall be the Engineer-in-Charge of the work. You are requested to attend office of Jt. General Manager Engg (C), AAI, B.P.I. Airport within 10 (ten) days from the date of issue of this letter, to sign and complete the contract 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. कृपया इस पत्र के जारी होने के 10 दिन में सुरक्षा जमा के लिए रु 4,06,730.00 (रुपया चार लाख छह हज़ार सात सौ तीस मात्र) जमा करवा दें, ऐसा नहीं करने पर उक्त रकम संविदा दस्तावेज के पृष्ठ 16 पर दी गई शर्त 1A के अनुसार आपके रनिंग बिल से काट ली जाएगी।

   Please deposit Rs.4,06,730.00 (Rupees Four Lakh Six Thousand Seven Hundred Thirty only) towards Security Deposit within 10 (Ten) 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 16 of the Contract document.

Contd. in next page

11/6/2021

4. आपसे अनुरोध है कि संविदा श्रमिक (विनियमन एवं समापन) अधिनियम 1970 और संविदा श्रमिक (विनियमन एवं समापन केन्द्रीय नियमावली 1971, अधिन, केन्द्रीय और राज्य सरकार के न्यूनतम मजदूरी अधिनियम और ई.पी.एफ.एक्ट,1952 एवं ई. एस. आई. एक्ट नियमों का पालन करें।
You are requested to comply with provision of Contract Labour (Regulation and Abolition) Act of 1970 and contract (Regulation and Abolition) Central rules 1971, Minimum Wages Act & Rules, EPF Act, 1952 and ESI act thereof Central & State Governments.

5. आपको निर्देश दिए जाते हैं कि आप कनिष्ठ कार्यकारी (अभि. - सिविल)-I, भारतीय विमानपत्तन प्राधिकरण, बि.पि.आइ. हवाई अड्डा , भुवनेश्वर से तत्काल सम्पर्क करें जो कि आपको कार्यस्थल सुपर्द करने की व्यवस्था करेंगे।
You are also directed to contact Jr. Executive (Engg.-C)-I, AAI, B.P.I. Airport, Bhubaneswar immediately who will arrange to hand over the site to you.

6. कृपया ध्यान दें कि कार्य को करने के लिए अनुमत समय 03(तीन) महीने होगा जो की इस पत्र के जारी होने के बाद 10 वें दिन से शुरू हो जाएगा या जो भी पहले हो, वास्तविक तिथि।
Please note that the time allowed for carrying out the work shall be 03 (Three) months and the same shall be reckoned from the 10th day after issue of this letter or actual date of start whichever is earlier.

7. संविदा के संबंध में आगे किया जाने वाला पत्राचार समान्यत: इंजीनियर प्रभारी से किया जाए।
Any further correspondence in connection with the contract should normally be addressed to the Engineer-in-Charge.

8. कृपया इस पत्र की पावती भेजें तथा साथ में संलग्न इस पत्र की दुसरी प्रति पर स्वीकारोक्ति के रुप विधिवत हस्ताक्षर करके हमें वापस भेजें।
Please acknowledge the receipt and return the duplicate copy of this letter enclosed herewith after duly signing it to the undersigned as a token of acceptance.

9. यदि कोई विसंगति पाई जाती है तो अंग्रेजी भाषा ही मान्य होगी।
In case any discrepancy is found, then English version will be taken as correct.

धन्यवाद/ Thanking you.

भवदीय / Yours faithfully,

11/6/2019

(रवि शंकर) / (Ravi Shankar)
सहायक महा प्रबंधक (अभि. – सिविल)-III
Asst. General Manager Engg (C)-III
भा.वि.प्रा., बि.पि.आइ. हवाई अड्डा, भुवनेश्वर
AAI, B.P.I. Airport, Bhubaneswar

संलग्न / Encl: 1. Bill of Quantity
2. VII /Form- III & VII.

Contd. in next page

AIRPORTS AUTHORITY OF INDIA
BILL OF QUANTITY

Name of Work: -Supply & Installation of pre-fabricated Porta Cabin Office for BCAS at B.P.I Airport, Bhubaneswar

S. No.	Description	Qty	Unit	Rate	Amount
1	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge.				
	All kinds of soil	300.00	Cum	180.00	54000.00
2	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.				
	All kinds of soil	90.00	Cum	180.00	16200.00
3	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.	10.00	Cum	850.00	8500.00
4	Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level and removal of rubbish up to a distance of 50 m outside the periphery of the area cleared.	600.00	Sqm	10.00	6000.00
5	Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering -all work upto plinth level.				
	1:4:8 (1 cement : 4 coarse sand: 8 graded stone aggregate 40 mm nominal size)	90.00	Cum	4600.00	414000.00
6 a)	Providing and laying in position specified grade of reinforced cement concrete,excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level :				
	1:1.5:3 (1 cement : 1.5 coarse sand (zone-III): 3 graded stone aggregate 20 mm nominal size)	12.00	Cum	5300.00	63600.00
b)	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement :				
	1:1.5:3 (1 cement : 1.5 coarse sand (zone-III): 3 graded stone aggregate 20 mm nominal size)	1.50	Cum	7800.00	11700.00
c)	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement, with				
	1:1.5:3 (1 cement : 1.5 coarse sand (zone-III): 3 graded stone aggregate 20 mm nominal size)	1.50	Cum	8800.00	13200.00
7	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.				
	Thermo-Mechanically Treated bars of grade Fe-500D or more.	1650.00	Kg	78.00	128700.00

S. No.	Description	Qty	Unit	Rate	Amount
8	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in:				
	Cement mortar 1:4 (1 cement : 4 coarse sand)	1.35	Cum	6000.00	8100.00
9	12 mm cement plaster of mix :				
	1:4 (1 cement: 4 fine sand)	35.00	Sqm	200.00	7000.00
10	Providing and laying factory made chamfered edge Cement Concrete paver blocks in footpath,parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand. complete all as per direction of Engineer-in-Charge.				
	80 mm thick C.C. paver block of M-30 grade with approved color design and pattern.	400.00	Sqm	850.00	340000.00
11	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. Internal work - Exposed on wall				
	a)15 mm nominal outer dia Pipes	25.00	Mtr.	210.00	5250.00
	b) 25 mm nominal outer dia Pipes	50.00	Mtr.	320.00	16000.00
12	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per directionof Engineer in Charge.				
	a)15 mm nominal outer dia Pipes	25.00	Mtr.	190.00	4750.00
	b) 25 mm nominal outer dia Pipes	50.00	Mtr.	320.00	16000.00
13	Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete :				
	150 mm dia. R.C.C. pipe	25.00	Mtr.	750.00	18750.00
14	Constructing brick masonry chamber for underground C.I. inspection chamber and bends with bricks in cement mortar 1:4 (1 cement : 4 coarse sand) C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg), R.C.C. top slab with 1:1.5:3 mix (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size), foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand), finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete as per standard design:				
	Inside dimensions 455x610 mm and 45 cm deep for single pipe line :				
	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	3.00	Each	6500.00	19500.00

S. No.	Description	Qty	Unit	Rate	Amount
15	Constructing soak pit 1.20x1.20x1.20 m filled with brickbats including S.W. drain pipe 100 mm diameter and 1.20 m long complete as per standard design.	1.00	Each	2000.00	2000.00
16	Centering and shuttering including strutting, propping etc. and removal of form work for :				
a)	Foundations, footings, bases of columns, etc. for mass concrete.	3.00	Sqm	250.00	750.00
b)	Suspended Floors,roofs,landings,balconies and access platform	11.00	Sqm	550.00	6050.00
c)	lintels, beams,plinth beams,girders,bressumers and cantilevers	45.00	Sqm	450.00	20250.00
d)	Columns, pillars,piers, abutments, posts and struts	30.00	Sqm	600.00	18000.00
17	Providing and fixing rectangular high density polyethylene water storage loft tank with cover, conforming to ISI : 12701, colour of opaque white or as approved by Engineer-in-charge. The rate includes making necessary holes for inlet, outlet & over flow pipes. The base support i/c fittings & fixtures for tank shall be paid separately.	2000.00	Ltr	9.00	18000.00
18	Supply and Installation of M.S Fabricated Portable cabin of size 65' x 30' x 10' with bottom frame made up of 100 X 50 mm MS ISMC-Section, Bottom stiffener shall be made up of 100 X 50 mm MS ISMC-section, and connections shall be made out of 80 X 40 X 4 mm & 50 X 50 X 3.6 mm MS tubular sections, the Top Frame shall be made up of 50 X 50 X 3.6 mm MS Tubular Sections, Top Stiffeners shall be made out of 50 X 50 X 3.6 mm , 25 X 50 X 3.2 mm and 25 X 25 X2.6 mm MS Tubular Sections, Side Wall Corner Post shall be made up of 50 X 50 X 3.6 mm MS Tubular Sections and the wall Stiffeners shall be made up of 25 X 50 X 3.2 mm MS Tubular Sections. The four corners shall be provided with 6mm welded hooks sufficiently strengthened to facilitate transportation, lifting and shifting. The external walls shall be made from specially corrugated 1.2 mm thick(G.I) sheet welded on MS frame and the internal walls shall be made from 18 mm thick particle board with all vertical and horizontal corners shall be neatly and smoothly finished with MS section & Angles. The Roof shall be self-draining type and made up of 1.2mm thick MS sheet properly sloped & water tight including anti-rust protection. Bottom flooring shall be of 18 mm thick V-Board i.e. Cemented bonded fiber sheets. It shall be fixed by means of self taping screw & overlayed with 1.5mm thick PVC vinyl Carpet which shall be water, termite & dimensional proof. The false ceiling shall be provided with 9mm thick Particle board & all vertical and horizontal corners shall be neatly and smoothly finished with MS Sections & L angles. There shall be sufficient number of windows and ventilators openings having dimension 4'X3'and 1.5'X1.5' respectively as per drawing. All the window openings to be provided with Aluminium sliding shutters having double shutter, powder coated aluminium window frames with 4mm thick glass and Ventilator shall be aluminium louvers type. All the openings shall have a safety grills & rain guard on the top.				

11/06/2019

S. No.	Description	Qty	Unit	Rate	Amount
	The Main door (6.5'X 3') shall be made up of corrugated M.S. Sheet of 1.2mm thickness, standard hatch bolt fitted inside and outside along with rain guard and door lamp and the door shutter shall be of external opening type. The Door frame shall be made up of MS tubular section of dimension 30 x 30 mm & the door interior shall be finished with same material matching with that of the Cabin interior with thermacol insulations including all the fittings of approved make and quality. All the external walls shall have insulation made up of 12mm thick foam and roofs shall be provided with insulation of 25 mm thick Glass wool having density of 32 kg/m3. The external components of the Portable Cabin shall be painted with 1 coat of Zinc chromate primer & 2 coats of corrosion free paint i.e. synthetic epoxy paint of approved shade.The Portable Cabin shall have full partition for Conference Hall, Regional Director, Assistant Director's office, Reception Hall, AEP section with Aluminium door and fixed half partition for PA to RD office& Work station. Ten Nos. of Work station shall be provided with pedestal of size 4'X18"X30" as per drawings. Portable Cabin shall have 5Nos.of toilets with EWC, Basin, etc of suitable size including all fixtures & fittings as per approved make list .A pantry with Granite Top and SS Sink with all necessary fittings shall be provided as per attached drawings and specifications.				
	All Electrical wiring shall be of concealed type and shall be Fr-LSH PVC insulated copper wires of ISI standard, suitable for 220-240 volt, 50 Hz single phase AC power supply. Cables for wiring shall be provided as per requirement and load calculations. There will be 1No.of Main Switch board, 02 Nos. of 32 Amps MCB, 30 Nos. LED light fittings, 2 Nos. Bulk Head door light, 12 nos. Cabin Fans including sufficent Nos. of switch board with 6 Amp modular switches and sockets as per requirement and provision of 10 Nos. Split Air Conditioner points with separate MCB ,switch and sockets shall be installed as per direction & satisfaction of Engineer-in charge.(Make: TATA Steel Nest-In, Volta Green structure or equivalent) Rates to be quoted for a unit of required size and as per item description. Foundation for installation of cabin, Water supply line, Sewerage line upto cabin shall be paid extra. The Rates inclusive of Submission of Specifications, Detail Layout and Drawings for AAI approval, Design of Steel structures, Provision of GA Drawings and Detailed Drawings along with Load Data calculations including anchor bolt and templates., Load Data for civil foundation design, civil foundation design & drawing., painting, waste management for toilets and any plumbing connection outside the building like input to overhead tank, output of all waste water to STP/any alternate facility. Supply & Installation of steel structures, wall claddings, slanting PPGI roof, doors, windows and other items as per BOQ, specification and drawings agreed including accessories. Supply and Installation of electrical items as per approved layout, Transportation of complete material as per drawings & BOQ to site. Equipment required for erection such as Scaffolding, Hydra or Cranes, Slings, Guide Ropes, Man lift, for construction activities, Design standard confirming to : Wind Load: Basic wind speed as per Wind Zones following IS 875 Part #3(2015) Seismic Load: Earthquake resistant as per IS 1893. The structural design shall be vetted by IIT or NIT prior to submission and start of work.	1.00	Each	2851000.00	2851000.00
				Total Rs.	4067300.00

Signature Not Verified
Digitally signed by RAVI SHANKAR
Date: 2021.06.14 12:33:51 IST
Location: eProcurement System for Central PSUs