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आज़ादी का
अमृत महोत्सव

भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

संदर्भ सं: भाविप्रा/सिल/ईन्जी(सि)/मिट्टी की जांच - सर्वे/ 1412
Ref: AAI/Sil/Engg(C)/Soil Investigation - Survey/

दिनांक: 19.07.2023
Date: 19.07.2023

सेवा मे,
सोयल टेस्ट एंड फाउंडेशन डिजाइन,
शिव शोदन विल्डिंग, नोर्ट ऑफ पीलार न: 38,
राजा बाजार, वेईली रोड, पटना,
बिहार-800014

To,
Soil Test and Foundation Design,
Shiv Sadan Building, North of Pillar No. 38,
Raja Bazar, Bailey road, Patna,
Bihar-800014

विषय: ग्रीनफील्ड हवाई अड्डे का विकास।

उप शीर्ष - डोलू, सिलचर, असम में नए ग्रीनफील्ड हवाई अड्डे का मृदा जांच और स्थलाकृतिक सर्वेक्षण।

Sub: Development of Greenfield Airport.

S.H.: Soil Investigation and Topographical Survey of new Greenfield Airport at Doloo, Silchar, Assam.

संदर्भ: आपकी निविदा दिनांक 05.07.2023
Ref.: Your Tender opened on 05.07.2023.

महोदय / Sir (s),

1. उपरोक्त कार्य के लिए आपकी निविदा अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से आप द्वारा उद्धरित मद दर जिसकी कुल राशि रु. 21,79,650.00 (रुपया इक्कीस लाख उनासी हजार छे शो पचास) जो कि निविदा की अनुमानित लागत रु. 37,88,145.00 से 42.46% कम है, स्वीकृत किया जाता है।

Your 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. 21,79,650.00 (Rupees Twenty-One Lakhs Seventy-Nine Thousand Six Hundred Fifty only) which is 42.46% below the estimated cost of Rs. 37,88,145.00.

2. वरिष्ठ प्रबंधक (अभि-सिविल), भारतीय विमानपत्तन प्राधिकरण, सिलचर हवाई अड्डा, इस कार्य के इंजीनियर प्रभारी होंगे। आपसे अनुरोध है कि आप संविदा करार पर हस्ताक्षर करने एवं उसे पूरा करने हेतु इस पत्र के जारी किए जाने के 10 (दस) दिनों के भीतर वरिष्ठ प्रबंधक (अभि-सिविल), भारतीय विमानपत्तन प्राधिकरण, सिलचर हवाई अड्डा के कार्यालय में 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।

Sr. Manager (E-C), AAI, Silchar Airport shall be the Engineer-in-Charge of the work. You are requested to attend office of Sr. Manager (E-C), AAI, Silchar 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. आपके निविदा के साथ प्राप्त बयाना राशि रु 75,763.00 (रुपया पचहत्तर हजार सात शौ त्रेसठ मात्र) को संविदा दस्तावेज के पृष्ठ 16 पर दी गई शर्त 1A के अनुसार सुरक्षा जमा के हिस्से के रूप में परिवर्तित कर दिया गया है। कृपया इस पत्र के जारी होने के 10 दिन में सुरक्षा जमा के लिए रु 1,42,202.00 (रुपया एक लाख बयालीस हजार दौ शौ दौ 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।

Contd. in next page



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::2::

The earnest money amount of Rs. 75,763.00 (Rupees Seventy-Five Thousand Seven Hundred Sixty-Three only) received along with your Tender has been converted as part of Security Deposit as per condition 1A on page 16 of contract document. Please deposit Rs. 1,42,202.00 (Rupees One Lakh Forty-Two Thousand Two Hundred Two 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.

- 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.

- आपको साइट सौंपने के लिए अधोहस्ताक्षरी से संपर्क करने का भी निर्देश दिया जाता है।
You are also directed to contact undersigned for handing over of site.
- कृपया यह नोट कर लें कि काम करने का समय 2 (दो) महीने है जिसमें 15 (पंद्रह) दिनों की वर्षा शामिल है जो इस पत्र के जारी होने की तारीख से 10 दिन या असल कार्य चालु करने की तिथि से जो पहले हो, गिना जाएगा।

Please note that the time allowed for carrying out the work shall be 02 (Two) months including 15 (Fifteen) days of rainfall and the same shall be reckoned from the 10th day from the issue of this letter or actual date of start whichever is earlier.

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

- 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,

(Handwritten signature)
19.07.22

(संजय कुमार) / (Sanjay Kumar)

वरिष्ठ प्रबंधक (अभि. - सिविल) / Senior Manager (E-C)

भा.वि.प्रा., सिलचर हवाई अड्डा, कुम्भीरग्राम-788109

AAI, Silchar Airport, Kumbhirgram-788109

वरिष्ठ प्रबंधक (अभि. - सिविल)
Senior Manager Engg. (Civil)
भारतीय विमानपत्तन प्राधिकरण
Airports Authority of India
सिलचर हवाई अड्डा/Silchar Airport
सिलचर/Silchar-788109

संलग्न / Encl: अनुसूची की मात्रा / Schedule of Quantity

Tender Inviting Authority: Airports Authority of India , Silchar Airport, Engg (Civil)

Name of Work: Development of Greenfield Airport. S.H.: Soil Investigation and Topographical Survey of new Greenfield Airport at Doloo, Silchar, Assam

Contract No: 2023_AAI_155534_1

SOIL TEST AND FOUNDATION DESIGN											
Name of the Bidder/ Bidding Firm / Company :		PRICE SCHEDULE									
(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)											
NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT WithTaxes	TOTAL AMOUNT In Words					
1	2	4	5	13	53	55					
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. All kinds of soil.	4.90	Cum	5000.00	24500.00	INR Twenty Four Thousand Five Hundred	Only				
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level: 1:4:8 (1 Cement : 4 coarse sand (zone-III) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources).	1.65	Cum	5000.00	8250.00	INR Eight Thousand Two Hundred & Fifty	Only				
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level: 1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources).	1.15	Cum	8000.00	9200.00	INR Nine Thousand Two Hundred	Only				
4	Centering and shuttering including strutting, propping etc. and removal of form for: Foundations, footings, bases of columns, etc. for mass concrete.	13.30	Sqm	1000.00	13300.00	INR Thirteen Thousand Three Hundred	Only				
5	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	4.00	Kg	500.00	2000.00	INR Two Thousand	Only				
6	Standard Penetration test on soil making bore holes(dia 100 mm) up to a depth of 3.5 m from existing natural ground level including collection of disturbed/ undisturbed soil samples at 0.5m, 1.25m, 2.0m, 3.0 depth from existing Ground level or change in strata whichever is earlier etc complete as per particular specification & direction of Engineer in-charge.	86.00	Each	300.00	25800.00	INR Twenty Five Thousand Eight Hundred	Only				
7	Plate load tests (PLT) to be conducted at proposed sub-grade level for each pavement (i.e. for apron, Runway, taxiway etc.). PLT should be conducted as per 15:9214 with the following: i. Circular Plate having 75 cm diameter ii. Minimum 3 Nos dial gauges to be used for deflection measurement.	18.00	Each	30000.00	540000.00	INR Five Lakh Forty Thousand	Only				
8	Conducting Lab CBR (Shocked and Unshocked) test of soil sample at proposed subgrade level.	18.00	Each	3000.00	54000.00	INR Fifty Four Thousand	Only				
9	Conducting Permeability Test, Consolidation Test, Vane shear test, determination of Organic material by wet combustion.	18.00	Each	3000.00	54000.00	INR Fifty Four Thousand	Only				
10	Conducting Tri axial Test.	18.00	Each	500.00	9000.00	INR Nine Thousand	Only				

NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT With Taxes	TOTAL AMOUNT In Words	TEXT #
1	2	4	5	13	53	55	
11	Chemical analysis of ground water indicating sulphates, chlorides, pH value.	18.00	Each	500.00	9000.00	INR Nine Thousand Only	
12	Conducting determination of organic mater in soil, chloride/sulphates in soil.	18.00	Each	500.00	9000.00	INR Nine Thousand Only	
13	Conducting Elastic modulus, Poisson's ratio.	18.00	Each	800.00	14400.00	INR Fourteen Thousand Four Hundred Only	
14	Conducting various test on soil samples such as particle size analysis, in situ density, dry density, natural moisture content, moisture density relationship of soil etc. complete as per particular specification & direction Engineer-in-charge.	338.00	Each	500.00	169000.00	INR One Lakh Sixty Nine Thousand Only	
15	Conducting tests on soil samples such as liquid limit, plastic limit, plasticity index, swell index, shrinkage limit etc. as per particular specification & direction Engineer-in-charge.	338.00	Each	500.00	169000.00	INR One Lakh Sixty Nine Thousand Only	
16	Transportation of Equipments and soil sample collection charges, Visting charges, submission of soil report in booklet form (Total 6 copies) including location plan of bore holes / test spots along with recommendation and suggestions complete as per particular specification & direction Engineer-in-charge.	1.00	1 Job	50000.00	50000.00	INR Fifty Thousand Only	
17	In case rock is encountered at a depth less than of equal to 1.5m below the proposed sub-grade level, tests for soil as stipulated in scope of work need not be carried out. In that situation, following tests on rocks shall be carried out: (Rate of boring rock is only provided by Jadhavpur university as the said item is not included. However rate for three boring is only included in line with 03 samples). (a) Probing shall be done to ascertain rock profile.	3.00	Each	2000.00	6000.00	INR Six Thousand Only	
18	In case rock is encountered at a depth less than of equal to 1.5m below the proposed sub-grade level, tests for soil as stipulated in scope of work need not be carried out. In that situation, following tests on rocks shall be carried out: (Rate of boring rock is only provided by Jadhavpur university as the said item is not included. However rate for three boring is only included in line with 03 samples). (b) RQD and rock mass rating.	3.00	Each	1000.00	3000.00	INR Three Thousand Only	
19	In case rock is encountered at a depth less than of equal to 1.5m below the proposed sub-grade level, tests for soil as stipulated in scope of work need not be carried out. In that situation, following tests on rocks shall be carried out: (Rate of boring rock is only provided by Jadhavpur university as the said item is not included. However rate for three boring is only included in line with 03 samples). (c) Visual examination.	3.00	Each	500.00	1500.00	INR One Thousand Five Hundred Only	
20	In case rock is encountered at a depth less than of equal to 1.5m below the proposed sub-grade level, tests for soil as stipulated in scope of work need not be carried out. In that situation, following tests on rocks shall be carried out: (Rate of boring rock is only provided by Jadhavpur university as the said item is not included. However rate for three boring is only included in line with 03 samples). (d) Unit weight.	3.00	Each	300.00	900.00	INR Nine Hundred Only	
21	In case rock is encountered at a depth less than of equal to 1.5m below the proposed sub-grade level, tests for soil as stipulated in scope of work need not be carried out. In that situation, following tests on rocks shall be carried out: (Rate of boring rock is only provided by Jadhavpur university as the said item is not included. However rate for three boring is only included in line with 03 samples). (e) Water absorption.	3.00	Each	300.00	900.00	INR Nine Hundred Only	
22	In case rock is encountered at a depth less than of equal to 1.5m below the proposed sub-grade level, tests for soil as stipulated in scope of work need not be carried out. In that situation, following tests on rocks shall be carried out: (Rate of boring rock is only provided by Jadhavpur university as the said item is not included. However rate for three boring is only included in line with 03 samples). (f) Porosity.	3.00	Each	300.00	900.00	INR Nine Hundred Only	

NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT With Taxes	TOTAL AMOUNT In Words	TEXT #
1	2 In case rock is encountered at a depth less than of equal to 1.5m below the proposed sub-grade level, tests for soil as stipulated in scope of work need not be carried out. In that situation, following tests on rocks shall be carried out: (Rate of boring rock is only provided by Jadhavpur university as the said item is not included. However rate for three boring is only included in line with 03 samples). (g) Petrographic analysis.	4	5	13	53	55	
23	In case rock is encountered at a depth less than of equal to 1.5m below the proposed sub-grade level, tests for soil as stipulated in scope of work need not be carried out. In that situation, following tests on rocks shall be carried out: (Rate of boring rock is only provided by Jadhavpur university as the said item is not included. However rate for three boring is only included in line with 03 samples). (h) Compressive strength.	3.00	Each	500.00	1500.00	INR One Thousand Five Hundred Only	
24	In case rock is encountered at a depth less than of equal to 1.5m below the proposed sub-grade level, tests for soil as stipulated in scope of work need not be carried out. In that situation, following tests on rocks shall be carried out: (Rate of boring rock is only provided by Jadhavpur university as the said item is not included. However rate for three boring is only included in line with 03 samples). (i) Compressive strength.	3.00	Each	500.00	1500.00	INR One Thousand Five Hundred Only	
25	In case rock is encountered at a depth less than of equal to 1.5m below the proposed sub-grade level, tests for soil as stipulated in scope of work need not be carried out. In that situation, following tests on rocks shall be carried out: (Rate of boring rock is only provided by Jadhavpur university as the said item is not included. However rate for three boring is only included in line with 03 samples). (i) Shear strength.	3.00	Each	1000.00	3000.00	INR Three Thousand Only	
26	In case rock is encountered at a depth less than of equal to 1.5m below the proposed sub-grade level, tests for soil as stipulated in scope of work need not be carried out. In that situation, following tests on rocks shall be carried out: (Rate of boring rock is only provided by Jadhavpur university as the said item is not included. However rate for three boring is only included in line with 03 samples). (j) Elastic modulus & Poisson's ratio.	3.00	Each	1000.00	3000.00	INR Three Thousand Only	
27	Conducting Topographical Survey as well as cadastral survey with high precise Total station & DGPS/ETS instrument for preparing contour plan by taking spot levels at the spacing of every 5 meter or less in two mutual perpendicular directions. [Please Refer Page No. 205 to 206 of SOQ or Technical Specification [(TS (C)-160 to TS (C)-161) For Full Nomenclature of the Item].	997.00	Acres	1000.00	997000.00	INR Nine Lakh Ninety Seven Thousand Only	
Total in Figures					2179650.00	INR Twenty One Lakh Seventy Nine Thousand Six Hundred & Fifty Only	
Quoted Rate in Words					INR Twenty One Lakh Seventy Nine Thousand Six Hundred & Fifty Only		