



भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

Speed Post

भाविप्रा/भोपाल/ अभि.सि.- (II)/ मृदा जॉच कार्य/ सी.डब्ल्यू.-02/2020-21/2473(18) दिनांक : 01/03 /2021

सेवा में/ To,

मेसर्स यूनिक इंजीनियरिंग सर्विसेज
प्लॉट नं. 52, वार्ड - 6 (इण्डस्ट्रीयल),
गुरुद्वारे के समीप गांधीधाम,
कच्छ - 370201. (गुजरात)

M/s. UNIQUE ENGINEERING SERVICES
Plot No. 52, Ward - 6 (Industrial),
Near Gurudwara, Gandhidham,
Kutch - 370201 (Gujarat)

कार्य का नाम :- राजा भोज विमानतल भोपाल पर, 16 कोड-सी टाईप एयरक्राफ्ट की पार्किंग के लिए एप्रोन और रनवे 12 छोर के लिए पैरेलल टैक्सी ट्रेक तथा एप्रोन के लिए 3 नंबर लिंक टैक्सी ट्रेक निर्माण का कार्य।

उपशीर्ष :- मृदा जॉच कार्य

Name of Work: "Construction of apron for parking of 16 - Code 'C' type of aircraft and parallel taxi track to runway end 12 with 3 numbers of link taxi to the apron at Raja Bhoj Airport, Bhopal."

S.H. - Soil Investigation Work

संदर्भ:- आपकी निविदा संख्या 2020_AAI_62472_1 दिनांक 18/12/2020

Ref: Your E-tender No. 2020_AAI_62472_1 dated 18/12/2020

महोदय/Dear Sir (S),

1. अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से उपरोक्त वर्णित कार्य का आपकी मदद मूल्यों पर आधारित ई-निविदा राशि ₹ 18,44,900.00/- (रुपये अठ्तरह लाख चवालीस हजार नौ सौ मात्र), जोकि अनुमानित लागत ₹ 29,34,400.00/- (रुपये उन्तीस लाख चौतीस हजार चार सौ मात्र) से (-) 37.13 % (सैतीस दशमलव एक तीन प्रतिशत) कम है, स्वीकृत की जाती है।

Your E-tender for the work mentioned above is hereby accepted on behalf of the Chairman, Airports Authority of India, at the item rate quoted by you totaling to ₹ 18,44,400.00/- (Eighteen Lakh Forty - Four Thousand Four Hundred Only) which is (-) 37.13 % (Thirty - Seven point One Three Percent) below the estimated cost put to tender of ₹ 29,34,400.00/- (Twenty - Nine Lakh Thirty - Four Thousand and Four Hundred Only).

2. सहायक महाप्रबंधक अभियांत्रिकी (सिविल) भाविप्रा राजाभोज एयरपोर्ट भोपाल इस कार्य के इंजीनियर प्रभारी होंगे। आपसे अनुरोध है कि आप सहायक महाप्रबंधक अभियांत्रिकी (सिविल) कार्यालय भाविप्रा राजा भोज एयरपोर्ट भोपाल में दिनांक 16/03/2021 तक उपस्थित होकर करारनामे पर हस्ताक्षर कर पूरा करें। यह करारनामा ₹ 500.00 (पाँच सौ रुपये) मूल्य के गैर-न्यायिक स्टाम्प पेपर पर निष्पादित किया जायेगा और स्टाम्प पेपर की लागत आपके द्वारा वहन की जाएगी।

AGM Engg (Civil), AAI, Raja Bhoj Airport, Bhopal, shall be the Engineer-in-Charge of the work. You are requested to attend the office of AGM Engg (Civil), AAI Raja Bhoj Airport, Bhopal by 16/03/2021 to sign and complete the contract agreement. The contract agreement shall be executed on a non-judicial stamp paper of value ₹ 500.00 (Rupees Five Hundred only) and the cost of the stamp paper shall be borne by you.

पृष्ठ सं /Page No. 1

1/25-4/1/2021
01/03/2021

- 3- आपके निविदा के साथ प्राप्त धरोहर राशि ₹ 58,700.00/- (रुपये अठावन हजार सात सौ रुपये मात्र) को अनुबंध दस्तावेज के पृष्ठ संख्या जी.सी.सी. 16 पर क्लॉज संख्या-1(अ) के अनुसार सुरक्षा निधि के रूप में माना जाएगा और जमानत राशि में परिवर्तित किया जाएगा। इस पत्र के जारी होने की तारीख से 10 दिनों के भीतर शेष सुरक्षा निधि राशि ₹ 1,25,790.00/- (केवल एक लाख पचीस हजार सात सौ नब्बे रुपये) जमा करें। असफल होने पर अनुबंध की पृष्ठ संख्या जी.सी.सी. - 16 क्लॉज संख्या 1 (अ) की शर्तों के अनुसार सुरक्षा निधि राशि को बिलों से काटा जायेगा।

The earnest money amount of ₹ 58,700.00/- (Rupees Fifty – Eight Thousand Seven Hundred Only) received along with your tender will be treated and converted as part of security deposit as per Clause No 1 A on page no GCC 16 of Contract Document. Please deposit Balance amount of ₹ 1,25,790.00 /- (Rupees One Lakh Twenty - Five Thousand Seven Hundred and Ninety 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 1 A at page no GCC -16 of contract document.

- 4- आप से अनुरोध है कि आप विभिन्न लागू वैधानिक अधिनियम जैसे अनुबंध श्रम (विनियमन और उन्मुलन) अधिनियम 1970, अनुबंध श्रम (विनियमन और उन्मुलन) केन्द्रीय नियमों 1971, बाल श्रम (निषेध और विनियमन) अधिनियम 1986, निर्माण श्रमिक (रोजगार का नियमन और सेवा की स्थिति) अधिनियम 1996, भवन और अन्य निर्माण के कल्याणकारी उपकरण 1996, जोकि अनुबंध के क्लॉज न. 19 पृष्ठ 49 खंड में तथा केन्द्र एवं राज्य सरकार द्वारा जारी विभिन्न नियमों में निर्दिष्ट है।

You are requested to comply with the provision of Contract labour (Regulation and Abolition) Act 1970 and contract labour (Regulation and Abolition) Central rules 1971 Child Labour (prohibition & Regulation) Act 1986, Construction Workers (Regulation of Employment and condition of Service) Act 1996, Building and other construction Workers Welfare Cess Act 1996 as specified in Clause 19 on page no 49 of GCC of tender and rules of Central and State Government.

- 5- आपको निर्देश दिया जाता है कि आप तुरंत प्रबंधक अभियांत्रिकी (सिविल) से संपर्क करें जो आपको साइट को सौंपने की व्यवस्था करेंगे।

You are also directed to contact Mgr. Engg (Civil) immediately who will arrange to hand over the site to you.

- 6- कृपया ध्यान दें कि काम करने का अनुमानित समय 04 (चार) माह है जोकि इस पत्र को जारी करने के दसवें दिन से मान्य होगा।

Please note that the time allowed for carrying out the work shall be 04 (Four) months and same shall be reckoned from the 10th day after issue of this letter.

अ. म. म. म.
01/03/2024.

7- इस अनुबंध के संबंध में आगे का कोई भी पत्राचार प्रभारी अभियंता के पते पर किया जाए।
Any further correspondence in connection with the contract should normally be addressed to the Engineer-in-Charge.

8- कृपया अपनी अभिस्वीकृति भेजे तथा सहमति के लिये डुप्लीकेट कापी, जोकि इस पत्र के साथ संलग्न है, हस्ताक्षर करके अधोहस्ताक्षरी को भेजे।

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.

भवदीय/Yours faithfully,

25-03-2021

सहायक महाप्रबंधक अभियांत्रिकी (सिविल)

AGM (Engineering Civil)

राजा भोज विमानतल भोपाल,

Raja Bhoj Airport, Bhopal

कृते तथा ओर से

For and on behalf of

अध्यक्ष, भाविप्रा,

The Chairman, AAI

मूलप्रति से अतिरिक्त /N.O.O

1. महाप्रबंधक (अभि.-परियोजना),
भारतीय विमानपत्तन प्राधिकरण, जबलपुर हवाई अड्डा, जबलपुर 482005..... आपकी जानकारी हेतु।
General Manager (Engg-Project),
Airports Authority of India, Jabalpur Airport, Jabalpur-482005----- For Information please
2. संयुक्त महाप्रबंधक (अभि.-सिविल),
भारतीय विमानपत्तन प्राधिकरण, जबलपुर हवाईअड्डा, जबलपुर 482005..... आपकी जानकारी हेतु।
Jt. GM (Engg-Civil),
Airports Authority of India, Jabalpur Airport, Jabalpur-482005----- For Information please
3. क्षेत्रीय श्रम आयुक्त (केन्द्रीय),
निर्माण सदन, सी.जी.ओ. कॉम्प्लेक्स रूम नंबर 306,
तीसरा माला, अरेरा हिल्स, भोपाल-462016.
The Regional Labour Commissioner(Central),
Nirman Sadan. C.G.O. Complex, Room No. 306.
3rd floor, Arera hills Bhopal-462016.
4. क्षेत्रीय भविष्य निधि आयुक्त, मध्यप्रदेश,
भविष्य निधि भवन, 59-अरेरा हिल्स, भोपाल-462011
The Regional Provident Fund Commissioner (M.P.)
Bhavishy Nidhi Bhavan, 59-Arera Hills, Bhopal-462011

आंतरिक/INTERNAL

1. विमानपत्तन निदेशक, भाविप्रा.राजा भोज विमानतल, भोपाल.
The Airport Director, AAI, Raja Bhoj Airport, Bhopal..... for information please.
2. सहायक महाप्रबंधक - (वित्त) भाविप्रा. राजा भोज विमानतल. भोपाल.
Asstt.GM (Finance), AAI, Raja Bhoj Airport Bhopal.
3. मुख्य सुरक्षा अधिकारी, भाविप्रा. राजा भोज विमानतल, भोपाल
Chief Security Officer, AAI, Raja Bhoj Airport Bhopal
4. ☒ कार्यालय प्रतिलिपि/ For office copy

AGM
01.03.2021

सहायक महाप्रबंधक - अभि. (सि)
AGM (Engg-C)

Schedule of Rates

Name of work : - Construction of apron for parking of 16 - CODE 'C' type of aircraft and parallel taxi track to runway end 12 with 3 numbsers of link taxi to the apron at Raja Bhoj Airport, Bhopal.
S.H. - **Soil Investigation Work**

Agency : **Unique Engineering Services, Gandhidham, Kutch, Gujrat - 370201**

Sl. No.	Item Description	Quantity	Unit	Rate	Amount
1	Drilling of bore holes of 100mm diameter size at various locations upto a minimum 3.50 meter depth below existing ground level at each locations, collection of disturbed and undisturbed soil samples at depth of 0.5 m, 1.25m, 2.0m, 3.0m and 3.50m from ground or at changes of strata whichever earlier, conducting <u>standard penetration test (SPT)</u> at above depths, determining detailed <u>index properties of soil</u> (i.e., <u>LL, PL, PI, Swelling index, shrinkage limit etc</u>) on all samples, providing <u>in-situ, dry density, natural moisture content & particle size analysis of all soil samples</u> complete as per latest BIS code including submission of detailed investigation report as per the standard proforma given in the contract upto the direction and satisfaction of Engineer in Charge. Rate include cost of all transportation, machineries, fuel, manpower, entry passes charges etc. all complete.	490.00	meter	2,150.00	10,53,500.00
2	Drilling of bore holes of 100mm diameter size at various locations upto a minimum 12.00 meter depth below existing ground level at each locations, collection of disturbed and undisturbed soil samples at depth of 0.75 m, 1.50m, 2.25m, 3.0m and there onward at every 1.50m starting from 2.00 m below ground level (approx invert level of culvert) or at changes of strata whichever earlier, conducting <u>standard penetration test (SPT)</u> at above depths, determining detailed <u>index properties of all soil samples</u> (i.e., <u>LL, PL, PI, Swelling index, shrinkage limit etc</u>) and also providing <u>in-situ, dry density, natural moisture content & particle size analysis of all soil samples</u> complete as per latest BIS code including submission of detailed investigation report as per the standard proforma given in this contract upto the direction and satisfaction of Engineer in Charge. Rate include cost of all transportation, machineries, fuel, manpower, entry passes charges etc. all complete.	96.00	meter	2,150.00	2,06,400.00
3	Conducting Triaxial Test to get all related parameters, Permeability Test to get all related parametes, determination of <u>organic material in soil</u> by wet combustion methode, determination of <u>chlorides & sulphates in soil</u> , determination of <u>Elastic Modulus and Poisson's ratio of soil</u> at proposed subgrade level all complete as per latest BIS codes including submission of detailed investigation report as per standard proforma given in the contract upto the direction and satisfaction of engineer-in-charge. Rate include cost of all transportation, machineries, fuel, manpower, entry passes charges etc. all complete.	450.00	each	1,000.00	4,50,000.00
4	Determination of Modulus of sub-grade reaction at proposed subgrade level by methode of Plate Load tests (PLT) as per IS:9214 with 750 mm Circular Plate using minimum 3Nos dial gauges for deflection measurement including submission of detailed report as per standard proforma upto the direction and satisfaction of Engg-in-charge. Rate include cost of all transportation, machineries, fuel, manpower, entry passes charges etc. all complete.	15.00	each	4,000.00	60,000.00

Handwritten signature and date: 01.03.2021

Sl. No.	Item Description	Quantity	Unit	Rate	Amount
5	Determination of rock profile by probing through drill rig augers of 100 mm diameter upto a depth of 3.50 meter from ground level or until refusal to determine various properties and parameters such as Rock Quality Designation (RQD), Rock Mass rating, Visual Examination Report, Porosity, Water absorption, Petrographic analysis, compressive strength, shear strength, Elastic Modulus, Poission's ratio etc at every 0.75 meter intervals <u>beginning from rock surface encountered</u> as per relevant IS codes including submission of investigation report as per standard proforma upto the direction/satisfaction of Engineer-In-Charge. Rate include cost of all transportation, machineries, fuel, manpower, entry passes charges etc. all complete. [NOTE : In case Petrographic test not conducted by the agency, a Lumpsum testing charges of Rs 10,000/- per petrography test shall be deducted from this item]	150.00	meter	500.00	75,000.00

TOTAL

18,44,900.00

01/03/2021

Signature Not Verified

Digitally signed by NEERAJ KUMAR
CHOURASIA
Date: 2021.03.25 14:01:11 IST
Location: eProcurement System for
Central PSUs