



75
आज़ादी का
अमृत महोत्सव

भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

संदर्भ सं: भाविप्रा/सिल/ईन्जी(सि)/टेनसाईल केनोपी/ 1259
Ref: AAI/Sil/Engg(C)/Tensile Canopy/

दिनांक: 31.03.2023
Date: 31.03.2023

सेवा मे,
समीर ग्लेज़िंग सीसटम प्राईभेट लिमिटेड,
सी 458/32, नारीयल खेदा, शारदा नगर,
भोपाल, मध्य प्रदेश-462038

To,
Sameer Glazing System Private Limited,
C 458/32, Nariyal Kheda, Sharda Nagar,
Bhopal, Madhya Pradesh-462038

विषय: सिलचर एयरपोर्ट पर सिटीसाइड और टर्मिनल बिल्डिंग के एयरसाइड में टेन्साइल मेम्ब्रेन कैनोपी का प्रावधान।

Sub: Provision of Tensile Membrane Canopy at Cityside and Airside of Terminal Building at Silchar Airport.

संदर्भ: आपकी निविदा दिनांक 10.03.2023 ।
Ref. : Your Tender opened on 10.03.2023.

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. 2,15,14,575.00 (रुपया दो करोड़ पंद्रह लाख चौदह हजार पाच शौ पचहत्तर मात्र) जो कि निविदा की अनुमानित लागत रु. 2,64,48,527.00 से 18.65% 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. 2,15,14,575.00 (Rupees Two Crore Fifteen Lakhs Fourteen Thousand Five Hundred Seventy-Five only) which is 18.65% below the estimated cost of Rs. 2,64,48,527.00.

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 5,28,971.00 (रुपया पाँच अट्ठाईस हजार सात शौ सत्रह 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 16,22,487.00 (रुपया सोलह लाख बाईस हजार चार शौ सतासी 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

अभि-सिविल



75
आज़ादी का
अमृत महोत्सव

भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

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The earnest money amount of Rs. 5,28,971.00 (Rupees Five Lakhs Twenty-Eight Thousand Nine Hundred Seventy-One 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. 16,22,487.00 (Rupees Sixteen Lakhs Twenty-Two Thousand Four Hundred Eighty-Seven 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.

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 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.

6. कृपया यह नोट कर लें कि काम करने का समय 06 (छह) महीना है (01 (एक) महीना वारिस सहित) जिसे 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 06 (Six) months including rainfall of 01 (One) month and the same shall be reckoned from the 10th day from the issue of this letter or actual date of start whichever is earlier.

7. 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.

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।

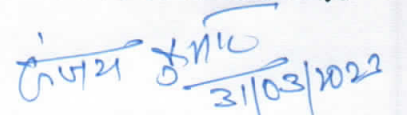
Please acknowledge the receipt and return the duplicate copy of this letter enclosed herewith after duly signing it to the undersigned as a token of acceptance.

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,



(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

संलग्न / Encl: अनुसूची की मात्रा / Schedule of Quantity

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

Validate

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Help

Item Rate BoQ

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

Name of Work: Provision of Tensile Membrane Canopy at Cityside and Airside of Terminal Building at Silchar Airport

Contract No: 2023_AAI_142185_1

Name of the Bidder/ Bidding Firm / Company : SAMEER GLAZING SYSTEM PRIVATE LIMITED

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 #
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	
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.	191.00	Cum	265.00	50615.00	INR Fifty Thousand Six Hundred & Fifteen Only	
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.	58.00	Cum	235.00	13630.00	INR Thirteen Thousand Six Hundred & Thirty 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: 1:4:8 (1 Cement : 4 coarse sand (zone-III) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources).	95.50	Cum	5500.00	525250.00	INR Five Lakh Twenty Five Thousand Two Hundred & Fifty Only	
4	Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work: using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana / Ordinary Portland / Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge; for the following grades of concrete. Note: Extra cement up to 10% of the minimum specified cement content in design mix shall be payable separately. In case the cement content in design mix is more than 1.10 times of the specified minimum cement content, the contractor shall have discretion to either re-design the mix or bear the cost of extra cement. All works upto plinth level. Concrete of M25 grade with minimum cement content of 330 kg /cum.	46.00	Cum	6000.00	276000.00	INR Two Lakh Seventy Six Thousand Only	
5	Add for using extra cement in the items of design mix over and above the specified cement content therein.	27.60	Qtl.	850.00	23460.00	INR Twenty Three Thousand Four Hundred & Sixty Only	
6	Centering and shuttering including strutting, propping etc. and removal of form for: Foundations, footings, bases of columns, etc. for mass concrete.	129.00	Sqm	600.00	77400.00	INR Seventy Seven Thousand Four Hundred Only	
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.	5060.00	Kg	100.00	506000.00	INR Five Lakh Six Thousand Only	

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
1	2	4	5	13	53	55
8	Providing and fixing mild steel round holding down bolts with nuts and washer plates complete.	620.00	Kg	155.00	96100.00	INR Ninety Six Thousand One Hundred Only
9	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge. Polished Granite stone slab colour of Black, Cherry/Ruby Red or equivalent.	477.00	Sqm	4890.00	2332530.00	INR Twenty Three Lakh Thirty Two Thousand Five Hundred & Thirty Only
10	Providing and laying flamed finish Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge. Flamed finish granite stone slab Jet Black, Cherry Red, Elite Brown, Cat Eye or equivalent.	60.00	Sqm	5460.00	327600.00	INR Three Lakh Twenty Seven Thousand Six Hundred Only
11	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge. Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix).	38.00	Cum	190.00	7220.00	INR Seven Thousand Two Hundred & Twenty Only
12	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead. For thickness of tiles 10 mm to 25 mm	73.00	Sqm	160.00	11680.00	INR Eleven Thousand Six Hundred & Eighty Only
13	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	150.00	Cum	235.00	35250.00	INR Thirty Five Thousand Two Hundred & Fifty Only
14	Providing and supplying aluminium extruded tubular and other aluminium sections as per the architectural drawings and approved shop drawings, the aluminium quality as per grade 6063 T5 or T6 as per BS 1474, including super durable powder coating of 60-80 microns conforming to AAMA 2604 of required colour and shade as approved by the Engineer-in-Charge. (The item includes cost of material such as cleats, sleeves, screws etc. necessary for fabrication of extruded aluminium frame work. Nothing extra shall be paid on this account). The weight of aluminium extruded section shall be taken for purpose of payment.	2267.00	Kg	435.00	986145.00	INR Nine Lakh Eighty Six Thousand One Hundred & Forty Five Only

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
1	2 Providing, Fabricating, Assembling, hoisting, erecting and placing in position MS Built-up section/Tubular Structure (MS built-up section :-Rolled section & plates conforming to IS 2062 Grade Yst 350,Tubular Structure:- made from Steel hollow sections (CHS/RHS/SHS) (ERW), ISI marked conforming to IS 1161/4923, Grade Yst 310, thickness up to 10mm (from SAIL/RINL /TATA/JINDAL/APOLLO) in the profile shape as per conceptual drawings with special plate connector, pinion joints, Plates, hollow sections etc using water jet 3-D cutting system for obtaining smooth 3-dimensional curvature, SAW/MMAV/MIG welding process with special plate connectors, pinion joints, plates, hollow sections with cleaning the surface with sand blasting system and applying a coat of epoxy primer and including Preparation of detailed fabrication and erection drawings of Structural steel work from design drawings, transportation from fabrication yard, cutting , threading, machining, leads and lifts up to all heights, tools & plants and necessary cranes, erection machinery and tools, scaffolding etc. required for all operations involved to make structure of Tensile Membrane canopy. The structure has to be provided as per conceptual drawings of Tensile fabric profile, including all arch beam, curved lateral beams and bracings, vertical support columns, nodal joints, bases of columns and high tensile bolts of grade not less than 10.9 having black phosphate coating (nuts and bolts to be paid separately). The complete structure to be sand blasted and coated with epoxy primer 2 coats and hard top two coats Polyurethane applications work at all locations in required DFT (dry film thickness) for each coat in total DFT of 280 microns as per technical specification and direction of Engineer-In-Charge. (Work is to be executed by Specialised Agency having experience in executing similar nature of works).	4	5	13	53	55
15		72300.00	Kg	127.00	9182100.00	INR Ninety One Lakh Eighty Two Thousand One Hundred Only
16	Providing, fabricating, assembling and erection of pre stressed Tensile Membrane Fabric structure in desired profile as per conceptual drawing, with SERGE FERRARI pre constraint TX-30 Type III or MEHLER VALMEX FR MEHATOP* N TYPE III or SATTLER 759ATLAS Type III TFL/TFX or equivalent, having minimum Tensile strength (Warp/Weft) 5600/5500 N/50 mm & minimum tear strength (Warp/Weft) of 700 / 650 N, high concentrated PVDF top coating and PVDF coated on bottom side, polyester fabric and should be weldable having a minimum weight of 1050 gm/sqm with a minimum 20 years warranty etc. of approved colour over steel structure frames (underneath steel structure shall be paid separately) with all fittings and fixtures such as Galvanized MS End Plate, Shackles, Rigging Screws, Turnbuckles, swedge, fork, keder rods & galvanized MS strands with stainless steel end terminals complete as per Drawing / Detail & as per particular/ technical specifications and as per the directions of Engineer-in-charge. (Rate includes cost of fabric, patterns, forming, cutting, fabrication, hot weld stitch of fabric, Transport to the site, assembling and installation with GI strands, hardware, EPDM gasket and required accessories wherever required complete including lifts up to all heights, tools & plants, and necessary scaffolding etc. required for all operations in all respect as per direction of Engineer-In-Charge). (Note : (i) Actual plan area of canopy shall only be measured for payment. (ii) Galvanized strands, Galvanized MS end plate and powder coated aluminium flat bar only shall be paid separately under respective item.) (Work is to be executed by Specialised Agency having experience in executing similar nature of works).	1205.00	Sqm	3095.00	3729475.00	INR Thirty Seven Lakh Twenty Nine Thousand Four Hundred & Seventy Five Only
17	Supplying hot dipped galvanized Membrane Corner Plates of required thickness and design finished with a coat of Marine Primer and two coats of Polyurethane paint complete and fixing with high tensile bolts of grade not less than 10.9 having black phosphate coating complete as per Drawing/Detail and as per direction of Engineer-in-Charge.	241.00	Kg	190.00	45790.00	INR Forty Five Thousand Seven Hundred & Ninety Only
18	Supplying of powder coated aluminium flat bar 75mm x 4mm in same color code of fabric, of reputed brand to be used for peripheral locking for fabric all around the fabric in the gutter side and building side etc. complete as per drawing/detail and direction of Engineer in-charge.	155.00	Mtr.	365.00	56575.00	INR Fifty Six Thousand Five Hundred & Seventy Five Only

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
1	2	4	5	13	53	55
19	Supplying of 25mm diameter, 1x19 Galvanized strands of required length of Grade 1570 (6000 mm length) with Stainless steel terminals and toggles at both ends as per approved shop drawings as Under fabric Cables complete in all respect as per direction of Engineer-In-Charge.	155.00	Mtr.	55.00	8525.00	INR Eight Thousand Five Hundred & Twenty Five Only
20	Providing and fixing in position unplasticised Rigid PVC rain water pipes withstanding 6 kg pressure conforming to IS : 13592 Type A including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion, (i) Single socketed pipes 200 mm diameter.	44.00	Mtr.	135.00	5940.00	INR Five Thousand Nine Hundred & Forty Only
21	Providing and fixing in position unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, leaving 10 mm gap for thermal expansion. (a) Single tee without door - 200 x 110 x 110 mm.	10.00	Each	250.00	2500.00	INR Two Thousand Five Hundred Only
22	Providing and fixing in position unplasticised - PVC moulded fittings/accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion. a) Bend 87.5°, 200 mm bend.	10.00	Each	125.00	1250.00	INR One Thousand Two Hundred & Fifty Only
23	Providing and placing self levelling/compacting cement grouting (Like GP-2 or equivalent) and grouting of column bases after fixing bolts in position as per manufacturer specification using Cement & Sand etc complete. as per satisfaction of EIC. (BM make: ACC /ULTRA TECH/ BHARATHI & Equivalent)	31.00	Each	4000.00	124000.00	INR One Lakh Twenty Four Thousand Only
24	Extra for providing richer mixes at all floor levels. Providing M-30 grade concrete instead of M-25 grade BMC/RMC. (Note:- 1. Cement content considered in M-30 is @340 kg/cum) (Note:- 2. Excess/less cement over the specified cement content used is payable /recoverable separately.)	46.00	Cum	7500.00	345000.00	INR Three Lakh Forty Five Thousand Only
25	Providing and fixing 4mm thick aluminium composite panel around the columns /dead walls / under side of ceiling at all heights. The standard panel size of ACP shall be of size 1250mm x 1600mm or as required. The rate shall include all necessary tools and equipments, scaffolding, technical personal and as per technical specifications, complete as per the direction of the Engineer-in-Charge. Items includes cost of ACP Panel, Weather Sealant, Gasket, Foam, Scaffolding, Fixtures all machineries complete. The above work is to be carried out by a Specialized Agency approved by the Engineer-in-Charge. Only surface area of aluminium composite panel alongwith its groove shall be measured for payment. The cladding system shall be aligned for the entire height and for the entire width to ensure 100 percent 'X' axis 'Y' axis alignment wherever required. The fixing of the panels shall be designed in such a way that they come in plane with the glass panels and no deflection is visible on the external face. All the vertical and horizontal section grooves and peripheral gaps shall be sealed with approved grade sealant to make the entire system synchronize with the basic curtain wall structure / steel structure and also make the system airtight and watertight. The fixing details should be got approved by site-in charge. The peel off foil should be removed at the time of handing over as may be required by the Site-In-Charge. Cost of ACP panel including the labour element for cutting of ACP panel, stacking, fixing in appropriate locations shall be included in the rates. (Aluminium frame work shall be paid separately in respective item).	756.00	Sqm	3465.00	2619540.00	INR Twenty Six Lakh Nineteen Thousand Five Hundred & Forty Only

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
1	2 Providing Engineering Consultancy services for steel structure for tensile fabric roofing structure, RCC foundation work, rain water drainage, ACP cladding and testing for load bearing capacity with all relevant calculation sheet and design vetted by IIT/NIT, detailed construction drawing required during execution etc. as specified in tender document and any other details related to consultancy work which are essential for successful execution of works etc completes as per direction and satisfaction of EIC.	4	5	13	53	55
26		1.00	Job	125000.00	125000.00	INR One Lakh Twenty Five Thousand Only
Total in Figures					21514575.00	INR Two Crore Fifteen Lakh Fourteen Thousand Five Hundred & Seventy Five Only
Quoted Rate in Words	INR Two Crore Fifteen Lakh Fourteen Thousand Five Hundred & Seventy Five Only					

21514575
 21514575

वरिष्ठ प्रबंधक
 Senior Manager (Civil)
 भारतीय विमानपत्तन प्राधिकरण
 Airports Authority of India
 सिलचर हवाई अड्डा/Silchar Airport
 सिलचर/Silchar-788119