



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

संदर्भ सं. : भाविप्रा/गो/ केबल/ समप्र (अभि-वि)/का.आ.- 07/2024-25/827 (1+6)

दिनांक: 13.06.2024

Ref. No.: AAI/GOA/SC/AGM(E-E)/W.O.-07/2024-25

Date: 13.06.2024

द्रुतगामी डाक द्वारा / By SPEED POST

सेवा मे, To,

M/s. SARSWAT ENGINEERING SERVICES

6 Vanrai Shopping Complex Opp. Nirlon W E Highway

Goregaon East Mumbai 400065

Email: amit@saraswateng.com

कार्य का नाम: अतिरिक्त कार्य, रिटेनिंग वॉल, कार पार्क, सड़क कार्य और अन्य विविध विकास कार्यों का निर्माण, सी.ई. गोवा में सीआईएसएफ स्नातक आवास (विद्युत कार्यों सहित)। एसएच: सेवा कनेक्शन

Name of Work: "Additional works construction of retaining wall, car park, road work and other miscellaneous development works CISF bachelor accommodation (including electrical works) at C.E. Goa. SH: Service Connection"

संदर्भ: आपका दिनांक 22.04.2024 को खोला गया ई-टेंडर । टेंडर आई डी: 2024_भाविप्रा_193754_1

Ref: 1.) Your E-tender opened on 22.04.2024 for Tender ID: 2024_AAI_193754_1

2.) Your price negotiation mail dated 27.05.2024.

महोदय/Dear Sir (s),

- 1) उपर उल्लेखित कार्य हेतु आपका ई-टेंडर अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से स्वीकृत किया जाता है, आपके द्वारा बताए गये कीमत पर बातचीत के बाद मद मूल्यों पर आपकी टेंडर राशि, कुल **₹ 31,74,222/-** (एक्सक्लूडिंग जीएसटी) (इकतीस लाख चौहत्तर हजार दो सौ बाईस रुपये) है, जो कि न्याय हित राशि **₹. 30,54,181/-** (एक्सक्लूडिंग जीएसटी), से **3.93%** ऊपर है।
- 1) 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 after price negotiation totalling to **Rs. 31,74,222/- (excluding GST)** (Rupees Thirty-one Lakh Seventy-four Thousand Two hundred twenty-two), which is **3.93% Above** the justified cost put to tender of **Rs. 30,54,181/- (excluding GST)**.
- 2) सहायक महाप्रबंधक (अभि-वि), भा.वि.प्रा., गोवा एयरपोर्ट इस कार्य के प्रभारी अभियंता होंगे । आपसे निवेदन है कि आप करारनामे पर हस्ताक्षर करने के लिए दिनांक: 28.06.2024 तक सहायक महाप्रबंधक (अभि-वि), भा.वि.प्रा गोवा एयरपोर्ट के कार्यालय में उपस्थित हो तथा करारनामे को पूरा करें। ठेके का करारनामा 100/- रु (रुपये एक सौ मात्र) के नॉनजुडीशियल स्टैम्प पेपर पर निष्पादित किया जाएगा, तथा स्टैम्प पेपर का खर्च आपके द्वारा उठाया जाएगा
- 2) Asst. General Manager (Engg. -E), AAI, Goa Airport shall be the Engineer-In-Charge of the work. You are requested to attend the office of Asst. Gen. Manager (Engg-E), AAI, Goa Airport, Goa, by 28.06.2024 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.

गोवा अंतरराष्ट्रीय हवाई अड्डा, दाबोलिम, गोवा - 403801 दूरभाष : (0832) 2540806
Goa International Airport, Goa - 403801 Phone : (0832) 2540806

फैक्स : (0832) 2541610
Fax : (0832) 2541610



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

- 3) कृपया इस पत्रके जारी होने की तिथि से 10 दिनों के भीतर जमानत राशि **रु. 3,17,422.0/-** (तीन लाख सत्तरह हजार चार सौ बायाँस रुपये मात्र) जमा करें। अन्यथा ठेके के दास्तावेज के पृष्ठ SSC पर दी गई शर्त 6 के अनुसार काट ली जायेगी।
- 3) Please Deposit Rs. 3,17,422.0/- (Rupees Three Lakhs Seventeen Thousand Four Hundred Twenty-Two), 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 SCC at page no. 6 of contract document.
- 4) आपसे निवेदन है कि अनुबंध श्रम (विनियम और उन्मूलन) अधिनियम 1970 और ठेका श्रम (विनियमन और उन्मूलन) केंद्रीय नियम 1971 बाल श्रम (निषेध और विनियमन) अधिनियम 1986, निर्माण श्रमिक (रोजगार का नियमन और सेवा की शर्त) अधिनियम 1986, भवन और निर्माण श्रमिक कल्याण उपकर अधिनियम 1996 के अनुसार निविदा जी सी सी और केंद्रीय और राज्य सरकार के भवन और निर्माण कल्याण उपकर अधिनियम 1996 के पृष्ठ सं 49 पर खंड 19 में विनिर्दिष्ट है।
- 4) You are requested to comply with the Provisions 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 (अभि-वि), भाविप्रा., गोवा एयरपोर्ट से मिलें, वह आपको साइट सौंपने की व्यवस्था करेंगे।
- 5) You are also directed to contact Junior Executive (Engg-E), Airports Authority of India, Goa Airport immediately who will arrange to hand over the site to you.
- 6) कृपया नोट करें कि काम करने की अवधि 03 (महीने) है, जो कि कार्य आदेश जारी करने के बाद दस (10) दिन से गिना जायेगा।
- 6) Please note that the time allowed for carrying out the work shall be 03 (Three) Months, which shall be reckoned after 10th day of issue of this order.
- 7) इस ठेके के संबंध में सभी पत्राचार प्रभारी अभियंता, को सम्बोधित किया जाये।
- 7) Any further correspondence in connection with the contract should normally be addressed to the Engineer-In-Charge.
- 8) कृपया स्वीकृति के प्रतीक के रूप में इस पत्र के साथ संलग्न दूसरी प्रतिलिपी में हस्ताक्षर करने के बाद अधोहस्ताक्षरी को वापस करें।
- 8) 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,

सहायक महाप्रबंधक (अभि-वि) / Asst. General Manager (E-E)

भा.वि.प्रा., गोवा विमानतल/AAI, Goa Airport.

कृते तथा ओर से, अध्यक्ष, भा.वि.प्रा.,/For and on behalf of Chairman, AAI

संलग्न/Encl: SOQ (Schedules of Quantities) / एस ओ क्यू

गोवा अंतरराष्ट्रीय हवाईअड्डा, दाबोलिम, गोवा - 403801
Goa International Airport, Goa - 403801

दूरभाष : (0832) 2540806
Phone : (0832) 2540806

फैक्स : (0832) 2541610
Fax : (0832) 2541610



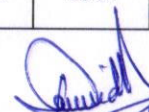
AIRPORTS AUTHORITY OF INDIA
GOA INTERNATIONAL AIRPORT
ENGINEERING WING (ELECTRICAL)
SCHEDULE OF QUANTITY

**Name of work: Additional works construction of retaining wall, car park, road work and other miscellaneous development works
CISF bachelor accommodation (including electrical works) at C.E. Goa. SH: Service Connection.**

Sl. No.	Description of item	Qty	Unit	Rate (Excluding GST)	Amount
1	Supply and Erection 11 mtr. long of RCC/ PCC pole of following length in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded granitic or basaltic stone aggregate 40 m nominal size foundation, including hard rock pit digging/ excavation etc as required as per GED specification.	2.00	each	30867.00	61734.00
2	Supplying and erection of stay set complete (galvanised) with 19/20 mm dia X 1.8 metres long stay rod, anchor plate of size 45 cm X 45 cm X 7.5 mm, thimble, stay clamps, turn buckle (20 mm X 60 cm), 7/ 4.00 mm dia G.I. stay wire and strain insulator etc in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded granitic or basaltic stone aggregate 40 m nominal size foundation, including hard rock pit digging/ excavation etc as required as per GED specification.	1.00	set	5358.00	5358.00
3	Supply and Erection of HDGI structural material for DP structure.	125.00	kg	177.00	22125.00
4	Supply and fixing of 11KV 200 Amps GOAB switch.	1.00	set	31449.00	31449.00
5	Supply and erection of H.G. Fuse unit 11 KV 200 Amps.	1.00	set	13279.00	13279.00
6	Supplying and erection of three piece nonlinear resistor type lightning arrestor suitable for 3 wire, 11 KV overhead lines with rated voltage 9 KV (rms) with a nominal discharge current rating of 5 KA and complete with galvanised clamping arrangement, G.I. bolts, nuts, washers etc. as required as per GED specification.	1.00	set	4426.00	4426.00
7	Supplying and erection of 11 KV pin insulator complete with large steel head G.I. pin, nuts, washers etc. as required as per GED specification.	6.00	each	1008.00	6048.00
8	Supplying of channel iron 75 mm X 40 mm X 6 mm (7.14 kg per metre) V shape cross arm for two 11 KV overhead line conductors complete with 50 mm X 6mm M.S. flat iron clamps, bolts and nuts including drilling holes for insulator pins, bolts, nuts and washers etc and painting with primer and finish paint as required as per GED specification.	1.00	each	2533.00	2533.00
9	Supply and stringing of ACSR Weasel conductor (7/2.59 mm dia.) for jumperring and earthing as per GED specification.	100.00	meter	61.00	6100.00
10	Supply and Erection of HDGI top fitting for 11 KV RCC Pole as per GED specification.	1.00	each	699.00	699.00
11	Supply of following sizes 11 KV grade, XLPE insulated & PVC sheathed armoured aluminium conductor HT(E) cable generally conforming to IS 7098 Part II-1985 with up to date amendments as required. <u>Makes: As per approved make list of Goa Electrical Division.</u> (Polycab, Torrent, Universal cables (Unistar), KEI, KEC Intl Ltd.)				
	a) 3C X 300 sq.mm.	550	meter	2278.00	1252900.00

13/06/2024

Sl. No.	Description of item	Qty	Unit	Rate (Excluding GST)	Amount
12	Laying of HDPE pipe (High Density Polyethylene) upto 160 mm dia. direct in ground up to a depth of 100 cm including excavation in hard rock and refilling the trench including repairing the road by providing and laying in position cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded granitic or basaltic stone aggregate 40 m nominal size 200 mm depth (for road crossing) as per GED specification.	30	meter	1398.00	41940.00
13	Supply & Erection of Medium duty, HDGI Class B pipe of nominal diameter 150 mm (alongwith HDGI bends wherever required) for bridge crossing/riser pipe for 300sq.mm XLPE Cable etc., as per technical specifications including supporting arrangement for the pipe.	12	meter	3145.00	37740.00
14	Laying of two number 3C x 300 sq. mm. PVC insulated and PVC sheathed / XLPE power cable of 11 KV grade along with warning tapes in ground including excavation by mechanical means(hydraulic excavator)/manual means 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(a) in all types of laterite/Hard rock etc. with trench lengths depth and width 1.10 x 0.60 for laying of 2 run cable, sand cushioning, protective covering concrete slab of size 480mm x 250mm x 50mm, (+/- 2mm) M30 and refilling of available excavated earth (excluding rock/stones) in trench in layer not exceeding 0.2mts as per GED specification and drawing.	250	meter	2446.00	611500.00
15	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 11 KV grade of following size in the existing RCC/ HUME/ METAL/ HDPE pipe as required.				
	a) Above 120 sq. mm and upto 400 sq. mm	54.00	meter	291.00	15714.00
16	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 11 KV grade of following size in the existing masonry open duct as required.				
	a) upto 120 sq. mm.	20.00	meter	262.00	5240.00
17	Supplying and making indoor cable end termination with heat shrinkable jointing kit complete with all accessories including lugs suitable for following size XLPE aluminium conductor cable of 11 kV grade as required. <u>Makes: As per approved make list of Goa Electricity Department.</u> Raychem, Behr Bircher Cellpack BVC India Pvt Ltd.				
	a) 3C X 300 sq.mm.	2.00	set	17472.00	34944.00
	b) 3C X 95 sq.mm.	4.00	set	13396.00	53584.00
18	Supplying and making outdoor cable end termination with heat shrinkable jointing kit complete with all accessories including lugs suitable for following size XLPE aluminium conductor cable of 11 kV grade as required. <u>Makes: As per approved make list of Goa Electrical Division.</u> Raychem, Behr Bircher Cellpack BVC India Pvt Ltd.				
	a) 3C X 300 sq.mm.	2.00	set	19801.00	39602.00
19	Supplying and fixing cable route marker with 10 cm X 10 cm X 5 mm thick G.I. plate with inscription there on, bolted /welded to 35 mm X 35 mm X 6 mm angle iron, 60 cm long and fixing the same in ground as required.	5.00	each	2213.00	11065.00

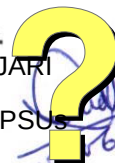

13/06/2024

Sl. No.	Description of item	Qty	Unit	Rate (Excluding GST)	Amount
20	Supply, installation, testing and commissioning of outdoor type (IP 54) 11 KV grade 3 way RMU (ring main unit), consisting of 2 LBS and 1 VCB with rated current 630 Amps and rated short time current of 21 KA for 3 sec, SF6 gas housed in hermetically robotically sealed high tensile stainless steel enclosure not less than 3 mm. (IP 67). The RMU metal parts shall be greater than 3mm thickness high tensile steel which must be shot blasted, spray galvanized with minimum thickness of 30 micron and subsequently powder coated. The unit shall have bottom cable entry with suitable rating C.T.s alongwith Over-current & Earth-fault protection relay, voltage indicator, Tripping mechanism, emergency push-trip button with Fault passage indicator and SCADA compliant, supply and laying of 1.5 sq. mm armoured copper control cable for providing AC supply including all necessary standard fitting required at site and as per technical specifications complete as required including civil foundation with cement concrete 1:2:4, 12 mm cement plaster 1:4 as per GED specification. Note: All the above materials shall be as per approved makes of Goa Electrical Department. Lucy Electric, Schneider,	1.00	job	631904.00	631904.00
21	HT METERING PANEL Design, Supply, Installation, Testing and Commissioning of outdoor type double door 11 KV HT metering cubicle panel, made out of 10 SWG thick CRCA sheet steel, totally enclosed, IP-55 protection free standing with mounting pole supports, dust and vermin proof, compartmentalized, powder coated painting as per approved drawing and specifications prescribed by MRT, Electricity Deptt Govt. of Goa, 3 nos. copper busbars, GI earth bar, space heaters with associated internal wiring/secondary wiring for PTs and CTs, earth bar and as per technical specifications comprising following components and jobs including Civil foundation: a) Indoor type resin cast 11 KV rating CT's- 3 nos. Having accuracy class of .5s CT ratio of 25/5 Amps and burden of 15 VA STC 13.1 KA for 1 sec. b) Indoor type resin cast 11 KV rating PT's - 3 nos. Having accuracy class of .5 CT ratio of 11KV/√3/110V/√3 and rated burden of 50 VA VF 1.2 continuous and 1.9 for 8 hours c) Electronic Trivector meter, 110 volts +/- 5 Amps 3 Phase 4 wire, DLMS protocol with TOD, CAT C. d) Job includes Supply and providing of insulkote insulation enhancement coating to 11 KV breaker (CT/PT and copper busbar along with cable kit) using Z1311 Insulkote class B, Z906, Provar antitrack 8086 safety solvent, 8480 carbon cleaner, electrosol tape, mccoysilrub silicon sealant and mccoys Gen 750 foam sealant. e) Supply of analogics Modems. Note: All the above materials shall be as per approved makes and as per approved drawing and specification of Electricity Department Govt. of Goa & tested by MRT.	1.00	job	314496.00	314496.00
22	Earthing with G.I. earth pipe 2500 mm long, 40mm dia class B fabricated and perforated filled with homogenous mixture of 20Kgs of Charcoal, 20Kgs of salt and with brick masonry enclosure with cover plate 300 mm x 300 mm having locking arrangement and watering pipe including hard rock pit digging and refilling etc. as required as per GED specification.	15.00	sets	6756.00	101340.00
23	Providing & fixing HDGI flat of size 25 mm x 6 mm including supply and fixing of required quantity of HDGI nut bolts for earthing of all equipment.	75.00	meter	466.00	34950.00
24	Providing and fixing H.T. Danger Notice Plate of 250 mm X 200 mm, made of MS sheet, at least 2 mm thick, and vitreous enameled white on both sides, and with inscription in single red colour on front side as required.	2.00	each	308.00	616.00
Total					3341286.00
Discount after price negotiation @ 5.0%					167064.30
					3174221.70
Say Rs					3174222.00

Rupees: (Thirty one lakhs Seventy Four thousand Two Hundred and Twenty Two) Only.

Signature Not Verified

Digitally signed by PANKAJ SURESH WANJARI
Date: 2024.09.25 16:17:56 PDT
Location: eProcurement System for Central PSUs


15/09/2024