



भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

सं:भा.वि.प्रा./जम्मू/अभि(वि /डबलु-07/2023-24/33/1009
No.AAI/JMU/Elect-E/W-07/2023-24/33/1009

दिनांक:07.06.2023
Date: 07.06.2023

सेवा मे,

मै० शर्मा एंटरपराईजेज़
सोहांजना,जम्मू-180003

To,

M/s Sharma Enterprises,
Sohanjana,Jammu-180003

कार्य का नाम : एक्सपेंशन ऑफ विजिटर लाउंज एंड फेस अपलिफ्ट ऑफ एयरपोर्ट एंट्री एट सिविल एयरपोर्ट जम्मू.
[स्केड: इलैक्ट्रिकलस वर्क्स] ।

Name of work: Expansion of visitor lounge and face uplift of Airport entry at Civil Airport Jammu. [SH: Electrical works].

संदर्भ: 1. Tender ID No.: 2023_AAI_153291

2. Tender opened on 06.06.2023

महोदय

- उपर उल्लेखित कार्य हेतु आपकी निविदा अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से जाता है आपके द्वारा बताए गये मद पर आपकी राशि कुल रु 12,97,925.00 (रु० बारह लाख सतानव्वे हजार नौ सौ पच्चीस मात्र) जी.एस.टी रहित है जो कि टेन्डर की अनुमानित लागत राशि रु 16,42,900.00 से -21% कम स्वीकृत किया जाता है।

Your tender for the work mentioned above is here by accepted on behalf of the Chairman Airports Authority of India at the item rates quoted for a sum totaling to Rs.12,97,925.00 (Rupees Twelve Lakhs Ninety Seven Thousand Nine Hundred Twenty Five only) excluding GST which is -21% (Below) the Estimated cost put to tender of Rs. 16,42,900.00

- सहायक महाप्रबंधक (इंजी-विद्युत),जम्मू विमानक्षेत्र कार्य के प्रभारी अभियंता होंगे। आपसे निवेदन है कि आप आपकी ओर से एक विश्वासनीय प्रतिनिधि प्रतिनियुक्त करें जो करारनामे पर हस्ताक्षर करने के लिए अधिकृत हो तथा वह दिनांक:22.06.2023 तक सहायक महाप्रबंधक (इंजी-विद्युत),जम्मू हवाईअड्डा के कार्यालय में उपस्थित हो तथा करारनामे को पूरा करें। ठेके का करारनामा रु 100/- के नोनज्युडिशियल स्टैम्प पेपर पर निष्पादित किया जाएगा तथा पेपर का खर्च आपके द्वारा उठाया जायेगा।

The A.G.M. (Engg-E), AAI, CA, Jammu shall be Engineer-in-Charge of the work. You are requested to depute your accredited representative, empowered to sign the contract agreement on your behalf and attend the office of the Asstt. G.M, by dt: 22.06.2023 to sign and complete the agreement. The contract agreement shall be executed on a non judicial stamp paper of value Rs.100/- and the cost of stamp paper shall be borne by you.

- आपके टेन्डर की साथ धरोहर राशि रु 32,858.00 (रु० बत्तीस हजार आठ सौ अठ्ठावन मात्र) को ठेके मे संविदा खंड 30 पृष्ठ 39/42 पर दी गई शर्त के अनुसार जमानत राशि मे परिवर्तन कर दी गई है। कृपया इस पत्र के जारी होने की तिथी से 15 दिनों के अंदर जमानत राशि बकाया रु 96,935.00 (रु० छियानबे हजार नौ सौ पैतीस मात्र) जमा करे अन्यथा ठेके के दस्तावेज से अनुसार आपके रनिंग/अंतिम बिल से वसूली की जायेगा।

The earnest money amount Rs. 32,858.00 (Thirty Two Thousand Eight Hundred Fifty Eight only) received along with your tender has been converted as part of security deposit on contract clause no. 30 on page 39/42 of bid documents. Please deposit Rs. 96,935.00 (Rupees Ninety Six Thousand Nine Hundred Thirty Five only) toward security deposit within 15 days from the date of issue of this letter, failing which the same will be deducted from your running /Final bill.

10/06/23



भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

- 4 आपसे निवेदन है कि केन्द्रीय और राज्य सरकारों के 1970 के अधिनियम अनुबंध श्रम नियम तथा 1971 के केन्द्रीय नियम अनुबंध श्रम नियम (नियमन तथा उन्मूलन) एवं केन्द्र तथा राज्य सरकार के न्यूनतम वेतन अधिनियम और नियमों के प्रावधानों का अनुपालन करें।

You are requested to comply with the provision of Contract Labour (Regulation & Abolition) Act of 1970 and Contract Labour (Regulation & Abolition) Central rules 1971 and Minimum wages Act & Rules of Central and State Government with upto date amendments.

5. आपको निर्देश दिया जाता है आप तुरंत प्रबन्धक (इंजी-विद्युत), जम्मू विमानक्षेत्र से मिले वह आपको कार्य स्थल सौंपने की व्यवस्था करेंगे। कृपया नोट कर लें कि काम करने का अनुमानित समय 75 दिन है जो की कार्य आदेश के 10वे दिन से गिना जाएगा।

You are also directed to contact the Manager (Engg-E), Jammu Airport immediately to take over the site. Please note that time period for this work shall be **75 Days** and which shall be reckoned from 10th Day.

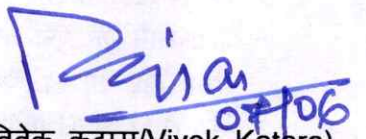
- 6 इस ठेके के सम्बन्ध में आगे का कोई भी पत्राचार सहायक महाप्रबन्धक (इंजी-विद्युत), जम्मू विमानक्षेत्र के पते पर किया जाए।

Any further correspondence with reference to this contract should normally be addressed to the AGM (Engg-E) AAI, Civil Airport Jammu.

- 7 ठेक दस्तावेज के पृष्ठ 131 पर अनुसूची 'ई' में उल्लिखित त्रुटि दायित्व अवधि 01 वर्ष होगी जो की कार्य समाप्त दिनांक से गिना जाएगा।

The defect liability period mentioned in Schedule 'E' on page 131 of the contract document is **01 year** after the completion of work.

- कार्य की अनुसूची संलग्न है/Schedule of quantity is attached.
- कृपया पावती भेजे/Please acknowledge the receipt.


(विवेक कटारा/Vivek Katara)

सहायक महाप्रबन्धक (अभि-वि)/AGM (Engg-E)

सिविल एयरपोर्ट जम्मू/Civil Airport Jammu

कृते एवं अध्यक्ष भा वि प्रा की ओर से/On Behalf of Chairman, AAI

Item Rate BoQ

Validate

Print

Help

Tender Inviting Authority: Airports Authority of India, Jammu Airport, Jammu

Name of Work: Expansion of visitor lounge and face uplift of Airport Entry at Civil Airport Jammu. [SH: Electrical Works.]

Tender ID: 2023_AAL_153291

Name of the Bidder/ Bidding Firm / Company : Sharma Enterprises

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 #
Sl. No.	Item Description	Quantity	Units	UNIT RATE without GST in Rs. P	TOTAL AMOUNT Without GST in Rs. P	TOTAL AMOUNT Without GST in Rs. P	TOTAL AMOUNT In Words		
1	SH-I SITC of ductable AC Supply, Installation, testing & commissioning (SITC) of fixed speed ductable type airconditioning system(indoor and outdoor units) of capacity 8.75 TR suitable to operate on 360 V to 440 V 50 Hz 3 phase AC Supply, having hermetically sealed screw compressor, interconnection of indoor and outdoor units with control wiring in CPVC pipe charging with R-410 or equivalent gas, providing 25 mm dia PVC drain pipe upto 5 mtr length with 6 mm thick nitrile rubber pipe and shifting upto roof etc. complete as required as per EIC (make Blue Star model DSA 1052R1 or equivalent as required).	2.00	Each	177000.00	354000.00		INR Three Lakh Fifty Four Thousand Only		
2	SITC of insulated refrigerant copper tubing between indoor and outdoor unit with proper supported with hanger and cable tray etc. complete as required as per EIC.	20.00	Mtr	1700.00	34000.00		INR Thirty Four Thousand Only		
3	SH-II SITC of duct and Insulation of roof Supply, installation, balancing and commissioning of following fabricated at site GSS sheet metal rectangular/round ducting complete with neoprene rubber gaskets, elbows, splitter dampers, vanes, hangers, supports etc. as per approved drawings and specifications of following sheet thickness complete as required (a) Site fabricated GSS sheet metal rectangular ducting as per IS 655-2006 for 0.63 mm thick. (24 Gauge) (b) Site fabricated GSS sheet metal rectangular ducting as per IS 655-2006 for 0.8 mm thick. (22 Gauge)	80.00	Sq Mtr	1000.00	80000.00		INR Eighty Thousand Only		
4	Supply, fixing testing commissioning of supply air diffusers of powder coated aluminium volume control dampers with anti smudge ring & removable core.	65.00	Sq Mtr	700.00	45500.00		INR Forty Five Thousand Five Hundred Only		
5	Supply, fixing testing commissioning of Return air diffusers of powder coated aluminium volume control dampers with anti smudge ring & removable core.	3.00	Sq Mtr	6000.00	18000.00		INR Eighteen Thousand Only		
6	Supply and fixing of acoustic lining of supply air duct and plenum with 25 mm thick resin bonded glass wool having density of 32 kg/m ³ , with 25 mm x 25 mm GI section of 1.25 mm thick, at 600 mm centre to centre covered with Reinforced Plastic tissue paper and 0.5 mm thick perforated aluminium sheet fixed to inside surface of ducts with cadmium plated nuts, bolts, stick pins, CPRX compound etc. Complete as required and as per specifications.	3.00	Sq Mtr	5800.00	17400.00		INR Seventeen Thousand Four Hundred Only		
7	a) Acoustic lining of supply air duct and plenum with 25 mm thick resin bonded glass wool having density of 32 kg/m ³	7.00	Sq Mtr	550.00	3850.00		INR Three Thousand Eight Hundred & Fifty Only		

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8	Supplying and fixing of following thickness duly laminated aluminium foil of mat finish closed cell Nitrile rubber (Class "O") insulation on existing duct after applying suitable adhesive for Nitrile rubber. The joints shall be sealed with 50 mm wide and 3 mm thick self adhesive nitrile rubber tape insulation complete as per specifications and as required. a) Nitrile rubber insulation-19 mm	150.00	Sq Mtr	350.00	52500.00	INR Fifty Two Thousand Five Hundred Only
9	Supply, fabrication, testing and commissioning of flexible connections constructed of fire resistance flexible double canvas sleeve of required for airconditioning system (for supply air grill) of capacity 8.75 TR complete as required as per EIC.	3.00	Each	2000.00	6000.00	INR Six Thousand Only
10	Providing fixing thermal insulation of ceiling (under deck insulation) with duly laminated aluminium foil of mat finish closed cell Nitrile rubber (Class "O") insulation, 19 mm thick, wrapped in 200 G Virgin Polythene bags, fixed to ceiling with metallic cleats (50x50x3 mm) @ 60 cm and wire mesh of 12.5 mm x 24 gauge wire mesh, for top most ceiling of building complete as required as per EIC.	150.00	Sq Mtr	600.00	90000.00	INR Ninety Thousand Only
11	SH-III SITC of LED fitting & internal wiring Supply, Installation, Testing & Commissioning of 80 W LED highbay luminaires (Make: bajaj BGHB 80W LED OR equivalent) with hanging/ceiling mounted arrangement, high pressure die cast housing having IP 66 protection, suitable to operate on 230 V 50 Hz AC supply, including electronic driver of same make as of LED, lenses, mounting bracket, nut/bolt etc complete as per tender specification and approved make & model. The luminaire is designed to meet its specifications on performance & lifetime at a design ambient temperature of 45 degree and operating temperature range 0-50 C. A specially designed heat management system to ensure luminous efficacy ≥125 (Lumen/w) for the system and ensure lumen depreciation upto 30% over 40k burning hours, CRI ≥70 (IP66 rating) (05 years guarantee shall be provided for complete fittings l/c controller by manufacturer in favor of AAI).	15.00	Each	10200.00	153000.00	INR One Lakh Fifty Three Thousand Only
12	Supply of 36 watt recess mounting low depth LED 2X2 flat panel Fitting (with hanging/ceiling mounted arrangement) , with driver, suitable to operate on 230 volt 50Hz AC Supply complete as required as per EIC (make: Bajaj model-BCTBLR 36 W LED FP CW or equivalent)(05 years guarantee shall be provided for complete fitting including controller by manufacturer in favor of AAI)	15.00	Each	3400.00	51000.00	INR Fifty One Thousand Only
13	Erection of ceiling fittings of all sizes and shapes including hanging arrangement with help of GI wire as per fitting, complete with all accessories including connection complete as required as per EIC.	15.00	Each	40.00	600.00	INR Six Hundred Only
14	Supply of following types fan suitable for 240V, 50Hz, 1-Φ, AC supply of following sizes a) Heavy Duty Aircirculator wall fan with Sweep 450 mm (Make: Havells Turbo Force or similar from list of Approved Make)	8.00	Each	5500.00	44000.00	INR Forty Four Thousand Only
15	Supplying and fixing following ways, horizontal type three pole and neutral, sheet steel, MCB distribution board, 415V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required (But without MCB/RCCB/Isolator)	2.00	Each	4000.00	8000.00	INR Eight Thousand Only
16	SITC of following type PVC junction boxes inclusive of connectors, terminals, glands etc complete as required (Make: Hensel DM9045 or equivalent) a) 4 Way	20.00	Each	330.00	6600.00	INR Six Thousand Six Hundred Only
17	Supplying and making end termination with suitable PVC compression gland & with Copper lugs (4 Nos.) for following size of PVC insulated and PVC sheathed/ XLPE Copper conductor cable of 1.1 KV grade as required a) 4C X 4 Sqmm	40.00	Set	130.00	5200.00	INR Five Thousand Two Hundred Only
18	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq. mm FRLS PVC insulated copper conductor single core in surface/ recessed steel conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5sq mm FRLS PVC insulated copper conductor single core cable etc. as required	10.00	Each	1000.00	10000.00	INR Ten Thousand Only
19	Wiring for group controlled (looped) light point/ fan point/exhaust fan point/ call bell point (without independent switch etc.) with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed steel conduit, and earthing the point with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable etc. as required (a) Group C	20.00	Each	1200.00	24000.00	INR Twenty Four Thousand Only

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20	Wiring for circuit/submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface / recessed Steel conduit as required a) 2 x 2.5 sq. mm + 1 x 2.5 sq. mm earth wire	100.00	Mtr	275.00	27500.00	INR Twenty Seven Thousand Five Hundred Only
21	b) 2 x 4.0 sq. mm + 1 x 4 sq. mm earth wire	200.00	Mtr	310.00	62000.00	INR Sixty Two Thousand Only
22	Supplying and fixing following size modules, GI box alongwith modular base & cover plate for modular switches in recess etc as required a) 3 module (100mm x 75mm)	10.00	Each	300.00	3000.00	INR Three Thousand Only
23	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc as required a) 5/6 A switch	10.00	Each	80.00	800.00	INR Eight Hundred Only
24	b) 3 pin 5/6A socket outlet	10.00	Each	100.00	1000.00	INR One Thousand Only
25	Supplying and fixing modular blanking plate on the existing modular plate & switch box excluding modular plate as required	15.00	Each	30.00	450.00	INR Four Hundred & Fifty Only
26	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess including providing and fixing 6 pin 5/6A & 15/16A modular socket outlet and 15/16A modular switch, Connections etc as required	10.00	Each	300.00	3000.00	INR Three Thousand Only
27	Supplying and fixing 5A to 32A rating, 240/415V, 10kA "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connection, testing and commissioning etc as required a) Single pole b) Single pole with neutral	16.00	Each	200.00	3200.00	INR Three Thousand Two Hundred Only
28	c) Triple pole with neutral	6.00	Each	550.00	3300.00	INR Three Thousand Three Hundred Only
29		2.00	Each	1100.00	2200.00	INR Two Thousand Two Hundred Only
30	Supply of following sizes of Aluminium Conductor XLPE insulated PVC innersheathed, 1.1 KV grade power cables conforming to IS 7098 (Part-I) 1988 and as per specification as required a) 4C X 25 Sqmm AL Armoured	250.00	Mtr	130.00	32500.00	INR Thirty Two Thousand Five Hundred Only
31	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing RCC/ HUMIE/ METAL pipe as required up to 35 sqmm	150.00	Mtr	30.00	4500.00	INR Four Thousand Five Hundred Only
32	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on surface as required upto 35 sq. mm (clamped with 1mm thick saddle).	50.00	Mtr	40.00	2000.00	INR Two Thousand Only
33	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required a) 4C X 25 Sqmm	4.00	Mtr	200.00	800.00	INR Eight Hundred Only
34	Supplying and laying of following size HDPE PN-10 pipe ISI marked along with all accessories like socket, bend, couplers, Tee etc. conforming to IS-4984 complete with fitting and cutting, jointing etc., along with accessories in surface/ recess including cutting the wall and making good the same in case of recessed conduit as complete required a) 63 mm dia	250.00	Mtr	70.00	17500.00	INR Seventeen Thousand Five Hundred Only

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35	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 joining of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge for cable laying on the surface of canopy structures.	200.00	Mtr	300.00	60000.00	INR Sixty Thousand Only
36	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 kV grade of following size on surface as required. a) Upto 35 sq. mm (clamped with SS tie)	40.00	Mtr	190.00	7600.00	INR Seven Thousand Six Hundred Only
37	SH-IV Earthing works Earthing with G.I. earth pipe 4.5 metre long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt as required.	2.00	Set	7000.00	14000.00	INR Fourteen Thousand Only
38	Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing along with existing surface/ recessed conduit/ submain wiring/ cable as required.	100.00	Mtr	30.00	3000.00	INR Three Thousand Only
39	SH-V Fire Alarm And Detection System Supply, installation, testing and commissioning of 4 Zone main control panel operating voltage 220V AC, 50Hz Stand by voltage 24VDC, operating Temperature 0 to 40 degree centigrade, operating Humidity 95%, normal Loop voltage 23v DC open threshold current 4.4 mA, Short threshold current 35mA, Fire threshold current 15-35mA, Alarm hooter output 1A at 24V DC hooter output current can be increased as per customer requirement (Make: AGNI or equivalent).	1.00	Each	16500.00	16500.00	INR Sixteen Thousand Five Hundred Only
40	Supply, installation, testing and commissioning of Non-addressable optical type smoke detector including air sampling unit/ sample chamber complete as per specification as required.	15.00	Each	1000.00	15000.00	INR Fifteen Thousand Only
41	Supply, installation, testing and commissioning of manual call point, 1 stage with in-built LED, lighting up automatically to confirm its actuation complete as per specification as required.	1.00	Each	700.00	700.00	INR Seven Hundred Only
42	Supply and fixing of hooter with accessories complete with connections etc as required.	1.00	Each	900.00	900.00	INR Nine Hundred Only
43	Supply, installation, testing and commissioning of Response indicator complete as required.	5.00	Each	165.00	825.00	INR Eight Hundred & Twenty Five Only
44	Supply and drawing of following size of PVC insulated copper conductor 02 core cable (FRLS Type) in surface/recessed steel conduit as required 2x1.5 sq mm.	100.00	Mtr	120.00	12000.00	INR Twelve Thousand Only
Total in Figures					1297925.00	INR Twelve Lakh Ninety Seven Thousand Nine Hundred & Twenty Five Only
Quoted Rate in Words						INR Twelve Lakh Ninety Seven Thousand Nine Hundred & Twenty Five Only

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