



Ref: AAI/RC/SM(Engg.-E)/WO-03/Tensile Fabric/2024-25/42-49

Date : 28.05.2024

सेवा में,	To,
मेर्सस सौरभ इंटरप्राइजेज, पुरा रघुनाथपुर, बाबतपुर वाराणसी-221006	M/s Saurabh Enterprises, Pura Raghunathpur, Babatpur Varanasi-221006

विषय : बिरसा मुंडा हवाई अड्डे, राँची में एन.आई.टी.बी. प्रवेश द्वार पर टेंसाईल फैब्रिक प्रोटिको का विद्युत कार्य और प्रकाश व्यवस्था में वृद्धि। सब हेड:- टेंसाईल फैब्रिक प्रोटिको, पाथवे में हाईवे लाईट की व्यवस्था एवं एन.आई.टी.बी. की मौजूदा हाईवे एल.ई.डी. लाईट बदलने हेतु।

Subject : Electrical Work of Tensile Fabric portico at NITB entrance & enhancement of lighting at BM Airport Ranchi. SH: Provision of Hibay LED fitting for Tensile Fabric Portico, Path way and replacement of existing Hibay LED fitting of NITB.

संदर्भ : (i) CPP Portal Bid No: **2024_AAI_193053**
(ii) Your Price Bid on CPP portal -09.05.2024

महोदय,

1. उपर्युक्त कार्य हेतु आपकी निविदा अध्यक्ष, भा0वि0प्रा0 की ओर से एतद्वारा इस आधार पर स्वीकार की जाती है कि आपके द्वारा उद्धृत आइटम दरों पर कुल योग, **29,99,999/-** (उनतीस लाख नित्यानवे हजार नौ सौ नित्यानवे रुपया मात्र) जी.एस.टी. को छोड़कर जो कि **52.55%** न्यायसंगत दर **63,22,195/-** (तिरसठ लाख बाईस हजार एक सौ पंचानवे रुपया मात्र) से कम है।

Your tender for the work mentioned above hereby accepted on behalf of the Chairman, AAI, at the item rates quoted by you totaling to **Rs. 29,99,999.00 (Twenty Nine Lakhs Ninety Nine Thousand Nine Hundred and Ninety Nine Only)** excluding GST which is **52.55%** below from the justified cost **Rs. 63,22,195.00 (Rupees Sixty Three Lakhs Twenty Two Thousand One Hundred and Ninety Five Only)**.

2. कृपया ध्यान दें कि कार्य को पूरा करने के लिए अनुमत समय दो महीने का है। काम के शुरू होने की अवधि SOQ अनुबंध-I के अनुसार 07.06.2024 से होगी।

Please note that the time allowed for carrying out the work is (02) Two Months. The commencement period of contract for the work shall be as per SOQ from 07.06.2024 as per Annexure-I.

3. अनुबंध दस्तावेजों के ईएनआईटी-02 के अनुसार बयाना राशि आपकी निविदा के साथ प्राप्त रु. 2,13,119.00 (दो लाख तेरह हजार एक सौ उन्नीस रुपया मात्र) को सुरक्षा जमा के हिस्से के रूप में परिवर्तित कर दिया गया है। कृपया 3,26,881.00 (तीन लाख छब्बीस हजार आठ सौ इक्यासी रुपया मात्र) रुपये जमानत राशि के रूप में इस पत्र के जारी होने की तिथि से 15 दिनों के भीतर जमा करा दें, ऐसा न करने पर शर्त के अनुसार आपके चल रहे बिलों से कटौती की जाएगी। 1(ए) अनुबंध दस्तावेजों के पेज जीसीसी-16 पर।

As per eNIT-02 of the contract documents, Earnest Money amount of Rs. 2,13,119.00 (Rupees Two Lakh Thirteen Thousand One Hundred and Nineteen Only) received along with your tender has been converted as part of security deposit. Please deposit Rs. 3,26,881.00 (Rupees Three Lacs Twenty Six Thousand Eight Hundred and Eighty One Only) towards security deposit within 15 days from the date of issuing of this letter, failing which, the same will be deducted from your running bills as per condition 1(A) on page GCC-16 of the contract documents.

4. एजेंसी अधिकतम उद्धृत राशि के @10% की दर से सुरक्षा जमा के खिलाफ बैंक गारंटी जमा करेगी और डीएलपी अवधि + 03 महीने की दावा अवधि तक कुल अनुबंध के लिए वैध होगी। यदि एजेंसी बैंक गारंटी जमा नहीं करती है, तो उस स्थिति में, सुरक्षा जमा @10% चालू और अंतिम बिल से काट लिया जाएगा। सुरक्षा जमा राशि दोष देयता अवधि के संतोषजनक पूरा होने के बाद ही वापस की जाएगी।

The agency shall submit the Bank Guarantee against the Security Deposit @ 10% of quoted amount and be valid for total contract up to DLP period plus 03 months claim period. If the agency do not submit the Bank Guarantee, in that case, the Security Deposit @ 10% will be deducted from running and final bills. The security seposit shall be refunded only after satisfactory completion of defects liability period.



भारतीय विमानपत्तन प्राधिकरण
बिरसा मुण्डा विमानपत्तन, राँची - 834002
AIRPORTS AUTHORITY OF INDIA
BIRSA MUNDA AIRPORT, RANCHI - 834002

5. वरिष्ठ प्रबंधक (अभि.-विद्युत), भा0वि0प्रा0 बिरसा मुण्डा हवाई अड्डा राँची कार्य के प्रभारी अभियंता होंगे। आप कृपया अपने प्राधिकृत एवं संविदा-करार पर हस्ताक्षर करने में सक्षम प्रतिनिधि को हस्ताक्षर एवं करार पूरा करने हेतु वरिष्ठ प्रबंधक(अभि.-विद्युत), भारतीय विमानपत्तन प्राधिकरण, बिरसा मुण्डा हवाई अड्डा, राँची के कार्यालय में **12.06.2024** तक भेजे। संविदा करार आप द्वारा उपलब्ध कराए गए 100/- रु (सौ रुपये) के गैर अदालती पक्के कागज पर सम्पादित किया जाएगा।

Sr.Manager (Engg.-E), AAI, BM Airport, Ranchi, shall be the Engineer-in-charge of the work. You are requested to depute your accredited representative empowered to sign the contract agreement on your behalf to attend the office of Sr.Manager (Egg.-E), Airports Authority of India, BM Airport, Ranchi by **12.06.2024** to sign and complete the agreement. The contract agreement shall be executed on a non-judicial stamp paper of value Rs. 100/- and cost of the stamp paper shall be borne by you.

6. आपसे अनुरोध है कि आप संविदा श्रम (नियमन व समापन) अधिनियम-1970 के प्रावधानों तथा संविदा श्रम (नियमन व समापन) केन्द्रीय नियम, 1971, एवं केन्द्र व राज्य सरकारों के तत्सम्बन्धी न्यूनतम मजदूरी अधिनियम व नियमों का पालन करें। You are requested to comply with the provisions of Contract Labour (Regulation & Abolition) Act. of 1970 and Contract Labour (Regulation & Abolition) Central Rules-1971 & Minimum Wages Act., & rules thereof of Central and State Governments.

7. आपकी निविदा एवं इस कार्य के संदर्भ में उल्लिखित पत्र, इस अवार्ड पत्र सहित करार का हिस्सा होंगे। कृपया नोट करें कि दोष दायित्व अवधि (12) बारह महीने होगी। हालाँकि एलईडी फिटिंग पर वारंटी काम पूरा होने की तारीख के बाद 5 साल तक बढ़ा दी जाएगी। एलईडी फिक्स्चर के कारण आनुपातिक राशि भी बिल से रोक ली जाएगी और इसे 5 साल के सफल समापन के बाद जारी किया जाएगा।

Your tender mentioned above under the reference for this work shall form part of the agreement along with this awarded letter. Please note that the defect liability period shall be (12) **Twelve Months** with effect from actual date of completion. However the warranty on LED fitting shall be extended upto 5 years after date of completion of the work. The proportionate amount shall also be withheld from the bill on account of LED fixture and same shall be released after successful completion of 5 years.

8. भविष्य में संविदा से संबंधित कोई भी पत्राचार वरिष्ठ प्रबंधक(अभि.-विद्युत), भारतीय विमानपत्तन प्राधिकरण, बिरसा मुण्डा हवाई अड्डा, राँची से किया जाए। Any further correspondence in connection with the contract shall normally be addressed to the SM (Engg.-E), BM Airport, Ranchi.

9. E.P.F. & E.S.I. की दिशा में भुगतान सीधे मौजूदा नियमों के अनुसार ठेकेदार द्वारा सीधे संबंधित शासी निकायो को किया जाएगा और भुगतान के लिए मासिक आधार पर बयान का प्रमाण AAI को प्रस्तुत किया जाएगा। The payment towards E.P.F. & E.S.I. shall be paid by the contractor directly to the concerned governing bodies as per existing rules and the proof of the statement shall be submitted to AAI on monthly basis for payment.

10. अन्य सभी नियम और शर्तें एनआईटी के अनुसार होंगी। Rest all other Terms & Condition shall be as per NIT.

11. कृपया पावती भेजें। Please acknowledge the receipt of the same.

धन्यवाद / Thanking you,

Encl: 1. Schedule of Quantity Annexure-I - 3 pages

भवदीय,

रिजेंद्र कुमार
28/05/24

वरिष्ठ प्रबंधक (अभि.-विद्युत)
अध्यक्ष की ओर से और उनके लिए
रिजेंद्र कुमार / Rijendra Kumar
वरिष्ठ प्रबंधक (अभि.-विद्युत) / Sr.Manager (Engg.-Elect.)
भारतीय विमानपत्तन प्राधिकरण / Airports Authority of India
बिरसा मुण्डा हवाई अड्डा, राँची - 834002 / Birsa Munda Airport, Ranchi - 834002

Airports Authority of India
BM Airport, Ranchi
SCHEDULE OF QUANTITY

Name of work : Electrical Work of Tensile Fabric portico at NITB entrance & enhancement of lighting at BM Airport Ranchi. SH: Provision of Hibay LED fitting for Tensile Fabric Portico, Path way and replacement of existing Hibay LED fitting of NITB.

CPP Portal Bid No: 2024_AAI_193053_1

Sl. No.	Description of Items	Unit	Qty	Rate (in Rs.)	Amount (In Rs.)
1	Supply of suspended Type LED Highbay symmetric Beam Luminaire with housing made of die-cast aluminium of system wattage 80 W . The luminaire shall comprise of LEDs of preferred makes complete with Constant current output driver and accessories with High Power driver installed on housing or externally and prewired upto the terminal block, PF $\geq$ 0.95, THD $<$ 10% & Internal 5 KV & External 10 KV surge protection, rated life of L-70@ 50,000 hours having lumen output not less than 9600 Lumens with luminaire efficacy of not less than 120 Lumens / watt with CRI Min 70, operating range 140V – 270V, 50Hz AC supply, CCT: 5700K to 6500K and suitable for outdoor applications. The Luminaire shall be with toughened glass cover and dedicated optics to provide precise light distribution of symmetric beam angle with specially designed thermal management with heat sinks. The luminaire shall be $\geq$ IP65 & IK08 protected. LM 79 report to be submitted for luminaire from NABL accredited lab and LM 80 for LED source issued by LED manufacture (Similar to Surya SLE HB 80W OCULUS or as per AAI Preferred makes) (Note:-The model numbers specified below are only for references for Shape of the product requirement. The product shall supplied, must match the technical specifications. The technical data sheets shall be arranged before the material dispatch and got approved from Engineer-In- Charge)	Each	162.00	4800.00	777600.00
2	Supply of suspended Type LED Highbay symmetric Beam Luminaire with housing made of die-cast aluminium of system wattage 120 W . The luminaire shall comprise of LEDs of preferred makes complete with Constant current output driver and accessories with High Power driver installed on housing or externally and prewired upto the terminal block, PF $\geq$ 0.95, THD $<$ 10% & Internal 5 KV & External 10 KV surge protection, rated life of L-70@ 50,000 hours having lumen output not less than 14400 Lumens with luminaire efficacy of not less than 120 Lumens / watt with CRI Min 70, operating range 140V – 270V, 50Hz AC supply, CCT: 5700K to 6500K and suitable for outdoor applications. The Luminaire shall be with toughened glass cover and dedicated optics to provide precise light distribution of symmetric beam angle with specially designed thermal management with heat sinks. The luminaire shall be $\geq$ IP65 & IK08 protected. LM 79 report to be submitted for luminaire from NABL accredited lab and LM 80 for LED source issued by LED manufacture (Similar to Surya SLE HB 120 W OCULUS or as per AAI Preferred makes) (Note:-The model numbers specified below are only for references for Shape of the product requirement. The product shall supplied, must match the technical specifications. The technical data sheets shall be arranged before the material dispatch and got approved from Engineer-In- Charge)	Each	226.00	5900.00	1333400.00
3	Dismantling & shifting to AAI Electrical Stores the existing High-Bay Light Fittings including all accessories located at different areas of the airport complete as per instruction of Engineer-In-Charge	Each	215	50.00	10750.00
4	Wiring for Double Height area Light Fitting Luminaire with 3 Core X 4 sq.mm FRLS PVC insulated PVC sheathed Copper conductor unarmoured cable in surface /truss/Column complete with clamps, saddles, loop earthing etc as per actual site requirement	Mtrs	1000	25.00	25000.00
5	Installation, Testing and Commissioning of LED High-Bay Light fittings on different Height of ceiling/Structure/Canopy with all mounting accessories & Hanging arrangement upto 15 Mtrs etc as required complete including connection with 2.5 sq.mm FRLS PVC insulated copper conductor three core cable etc. as required. Job includes all necessary hardware required to fix the fitting on ceiling/Canopy/structure etc as per site requirement. (Note:-The contractor shall provide and install all necessary hoists, ladders, scaffolding, tools, tackles, plants, labour and materials as the Light Fittings are to be installed at heights of upto 15 Mtrs)	Each	369	25.00	9225.00

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Sl. No.	Description of Items	Unit	Qty	Rate (in Rs.)	Amount (In Rs.)
6	Supplying and fixing following way, horizontal type three pole and neutral, Suitable for 125 Amp FP MCCB incomer, made of sheet steel, MCB distribution board, 415 V, 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) 8 way (4 + 24), Double door	Jobs	2	7687.00	15374.00
7	Supplying and fixing of following ways surface/ recess mounting, vertical type, 415 V, TPN MCB distribution board suitable for 125 amp FP MCCB incomer, made of sheet steel, dust protected, duly powder painted, inclusive of 200 A tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCBs (but without MCBs and incomer) as required . (Note : Vertical type MCB TPDB is normally used where 3 phase outlets are required.) 8 way (4 + 24), Double door	Jobs	2	8500.00	17000.00
8	Providing and fixing following rating and breaking capacity and pole MCCB with thermomagnetic release and terminal spreaders in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as required. 125 A, 36KA, FPMCCB	Jobs	2	6100.00	12200.00
9	Supply & Fixing of 5A to 32A rating, 240/415 V, 10 kA, "C" curve, MCB suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. complete as required.				
a)	Single pole	Nos	30	100.00	3000.00
b)	Double pole	Nos	5	350.00	1750.00
c)	Triple pole & neutral	Nos	6	800.00	4800.00
10	Supply of following sizes of XLPE insulated PVC sheathed, copper conductor armoured, power cable of 1.1 KV grade conforming to IS 7098 (Part I), 1988 with upto date amendments complete as required				
a)	4 Core, 25 Sqmm				
b)	4 Core, 16 Sqmm	Metre	250	150.00	37500.00
11	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on wall surface as required.				
a)	Upto 35 sq. mm (clamped with 1mm thick saddle)	Metre	250	50.00	12500.00
12	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on cable tray as required.				
a)	Upto 35 sq. mm	Metre	250	50.00	12500.00
13	Supplying and making end termination with brass compression gland and copper lugs for following size of PVC insulated and PVC sheathed / XLPE copper conductor cable of 1.1 KV grade as required				
a)	4 X 25 sq. mm (28mm)	Each	4	500.00	2000.00
b)	4 X 16 sq. mm (32mm)	Each	4	400.00	1600.00
14	SITC of Low-Intensity, Type-A, Aviation Light LED luminarie (steady Red Colour obstruction light) as per the ICAO Specifications and the Technical Parameters as per Annexure - I to install above the PBB including dismantling of the existing conventional fitting and taking it to AAI Store (to a distance of lead 50 mtrs) etc., as required and directed by Engg-In-Charge.	Each	5	4500.00	22500.00
15	Providing and fixing illuminated signs including all operations from fabrication to installation all complete as per drawings, technical specifications, signage schedule and to the satisfaction of the Engineer-in- Charge. Sign face: Sign face shall be made in 5mm thick 040 white acrylic (as specified) having graphics pasted in Plotter cut Block out vinyl. The Plotter cut block out vinyl shall match the specified colour (colour Pantone Black 6C) and vinyl for text Pantone yellow C or Pantone Cyan 311C as per graphics and of specified make duly approved by the Engineer-in-Charge. Sign Frame (Type -1 :Suspended type) Providing and fixing sign frame 50mm wide Powder coated, colour RAL 9006 special aluminium extrusion with inbuilt frame to receive the sign face. The sign face shall be fixed to sign frame with 3M brand dual lock system in one side and 3M both way tape from the other side or other suitable means. The panel should be made easily openable for Sign Structure (Type -2) All hardware used for fixing of sign shall be Stainless Steel. Projection supported internally by side mounting of SS frame. Lighting: All internal illumination shall be using Power LED strip edge Lights from Osram or as per AAI Preferred makes with electronic controllers, having even spread and overlaps to avoid banding and dark spots including all internal connections and wiring, termination and connection to the incoming electrical supply cable from nearest available point at the site.				

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Sl. No.	Description of Items	Unit	Qty	Rate (in Rs.)	Amount (In Rs.)
	The actual structural design of the sign for its stability shall be responsibility of the contactor. Secret fixing methods should be used to fix parts together.				
	Accessories: Providing and fixing all accessories such as thimbles, end connectors, nut- inserts, screws, rivets, bolts, washers, nuts, etc. complete in all respect as per drawing/ specification as				
(a)	Single sided	Sqm	10	32000.00	320000.00
(b)	Double sided	Sqm	10	34380.00	343800.00
TOTAL					2999999.00

Note: Rate is Comprehensive and excluding of GST.

Say Rs. 29,99,999.00 (Twenty Nine Lakhs Ninety Nine Thosand Nine Hundred and Ninety Nine Only)


 28/05/24
 रिजेंद्र कुमार / Rishabh Kumar
 जूनियर इंजीनियर (Elect.) / Sr. Manager (Engg. - Elect.)
 B.M. Airport, Ranchi
 भारतीय विमानपत्तन प्राधिकरण / Airports Authority of India
 बिरसा मुन्दा हवाई अड्डा, राँची - 834002 / Birsa Munda Airport, Ranchi - 834002