



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

Dated 09-12-2020

AAI/EMD-II/1001(105)/582

To

M/S. Techno Electricals,
2/65, Uday Park Society,
Refinery Road, Gorwa,
Vadodara,
Gujarat-390016.

Tel : +91 9824088634, Mail : girish690@gmail.com

**Name of Work : Rehabilitation work of 'K'- Taxi and some portion
of 'A'-Taxi & Secondary Runway at NSCBI Airport,
Kolkata.
SH: Electrical Works.**

Ref : i) Open Tender vide E – Bid No. 2020_AAI_44274_1
ii) Your e-bid(Financial) opened on 19-10-2020.

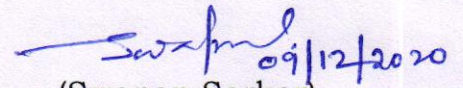
Dear Sir,

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 totalling to Rs.1,12,62,909/- (Rupees One Crore Twelve Lakh Sixty Two Thousand Nine Hundred Nine only) excluding GST which is 4.83% (Four Decimal Eight Three percent) below the Estimated cost of Rs.1,18,33,924/- (excluding GST).
2. Dy.General Manager (Engg-Elect)-I, AAI, NSCBI Airport, Kolkata shall be the Engineer-in charge of the work and his authorized representative shall be Shri A. Dutta, Asst. General Manager (Engg-Elect.). You are requested to attend the office of Dy.General Manager (Engg-Elect.)-I, AAI, NSCBI Airport, Kolkata-52, within 15 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) alongwith Demi paper and the cost of the stamp paper shall be borne by you.
3. Please deposit an amount of Rs.11,26,291/- (Rupees Eleven Lakh Twenty Six Thousand Two Hundred Ninety One 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.1A at GCC page no.16 of contract document.
4. 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 and 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 GCC page no.49 of Tender, minimum wages act. and rules thereof Central and State Governments.

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5. You are also directed to contact AGM(E-E) immediately who will arrange to hand over the site to you.
6. Please note that the time allowed for carrying out the work shall be **05(Five) Months** and same shall be reckoned from the 10th day after the date of issue of this letter.
7. All queries, clarifications etc. raised during e-tendering process and replies there of including all corrigendum issued shall also form part of the agreement.
8. Any further correspondence in connection with the contract should normally be addressed to the Engineer-in-charge.
9. 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.

Yours faithfully,



(Swapan Sarkar)

Dy.General Manager (Engg-Elect.)
For and on behalf of Chairman, AAI.

Encl: Schedule of Quantity.

Copy to:

- 1) The Labour Commissioner, 2nd, MS Building, 5th floor, Nizam palace, 234/4, A.J.C. Bose Road, Kolkata-700 020.
- 2) The Chief Commissioner of Income Tax, P-7, Aayakar Bhavan, Chowringhee sqr, Kolkata-700 069
- 3) The Regional Provident Fund Commissioner, D K Block , Sector-2, Salt lake City, Kolkata-700 091.

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Item Rate BoQ

Tender Inviting Authority: AIRPORTS AUTHORITY OF INDIA

Name of Work: Rehabilitation work of 'K'-Taxi and some portion of 'A'-Taxi & Secondary Runway at NSCB Airport Kolkata.

SH: Electrical works.

Contract No: AAC/AGM(E)-II/2019-20/NIT-05

Name of the Bidder/ Bidding Firm / Company :	TECHNO ELECTRICALS							
PRICE SCHEDULE (This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevent 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 #	TEXT #	NUMBER #	TEXT #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Item Code / Make	Quantity	Units	Quoted Currency in INR / Other Currency	BASIC RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
1	2	3	4	5	12	13	53	55
1	Supply of 2C x 4 sq.mm. 600 Volts grade, flexible copper conductor, EPR insulated and CPE (Chlorinated Polyethylene, cross - linked, heavy duty) / PCP (Polychloroprene) outer sheath (Black colour), Secondary cable for Airfield Lighting (AFL) circuits as specified in technical specification etc. complete as required. (FAA certified cable only).	item1	16600.00	Mtr	INR	173.00	2871800.00	INR Twenty Eight Lakh Seventy One Thousand Eight Hundred Only
2	Supply of Fire Retardant Yellow/Green 4 sq. mm. Single Core PVC Insulated Industrial Grade Copper Conductor (Unsheathed) Flexible Cables, 450/750V confirming to BS 6004 : 2000 OR 1100 Volts Conforming to IS: 694 : 1990.	item2	16600.00	Mtr	INR	27.00	448200.00	INR Four Lakh Forty Eight Thousand Two Hundred Only
3	Supply of following sizes 5 KV grade dry type plug and receptacle of type I, class 'B' primary Connector kit with field attachment and suitable for 5 KV grade single core copper conductor, copper braided, XLPE insulated, PE outer sheathed shielded cable, complete as required and confirming to the specifications. a) 6 sq mm.	item3	44.00	Set	INR	2200.00	96800.00	INR Ninety Six Thousand Eight Hundred Only
4	Supplying and making end termination of Secondary lead with secondary connector kit etc. complete as required.	item4	730.00	Set	INR	1656.00	1208880.00	INR Twelve Lakh Eight Thousand Eight Hundred & Eighty Only

Sl. No.	Item Description	Item Code / Make	Quantity	Units	Quoted Currency in INR / Other Currency	BASIC RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
5	Dismantling of existing Elevated fittings along with secondary cable, Isolating Transformer (IT), Addressable Switching Devices (ASD) etc. from the Box and returning temporarily to AAI Store as required as per directions of the Engineer In-charge.	item5	130.00	Nos	INR	125.00	16250.00	INR Sixteen Thousand Two Hundred & Fifty Only
6	Dismantling of existing 12 inch dia inset fitting along with shallow base from bituminous/concrete pavement, fill the area with bitumen/cement concrete cleaning the shallow base and returning in AAI stores complete as required.	item6	85.00	Nos	INR	1000.00	85000.00	INR Eighty Five Thousand Only
7	Dismantling of existing 08 inch dia inset fitting along with shallow base from bituminous/concrete pavement, fill the area with bitumen/cement concrete cleaning the shallow base and returning in AAI stores complete as required.	item7	330.00	Nos	INR	969.00	319770.00	INR Three Lakh Nineteen Thousand Seven Hundred & Seventy Only
8	Dismantling of cable laid in existing pipe / Duct along with IT, ASD etc. from the Box of size up to 25 Sq. mm., upto 5 KV grade and returning to AAI store.	item8	8500.00	Mtr	INR	15.00	127500.00	INR One Lakh Twenty Seven Thousand Five Hundred Only
9	Making temporary arrangement (to operationalize the other part of the runway/taxiway) for all the circuits disturbed during rehabilitation work at taxiway and some portion of runway. This job involves dismantling, disconnection of the affected part of circuits, fittings, diversion of cables, connection, interconnection to provide the fully functional system on the balance part of the runway/taxiway during the progress of the work and again reinstallation of fitting, connection of circuits etc. while handing over the same to operation by the end of the NOTAM period including all materials, tools, spares, labours, consumables, co-ordination as required so as to keep the Operation alive etc. as per directions of the Engineer In charge.	item9	1.00	Job	INR	145125.00	145125.00	INR One Lakh Forty Five Thousand One Hundred & Twenty Five Only
10	Supply and installation of up to 100 mm high MS collar with suitable design for holding the Runway Edge / Taxiway edge lights on top and bottom bolted to the existing box / shallow base of isolating transformer housing box including cement concreting, painting, sign writing etc. complete as required and as per directions of the Engineer In-charge. (Note: Final height of collar shall be as per thickness of bitumen/concrete overlay)	item10	120.00	Nos	INR	1525.00	183000.00	INR One Lakh Eighty Three Thousand Only

Sl. No.	Item Description	Item Code / Make	Quantity	Units	Quoted Currency in INR / Other Currency	BASIC RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
11	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade including one number earth cable of following size in the existing RCC / HUME / METAL / GI / HDPE pipe as required. Upto 35 sq. mm.	item11	16600.00	Mtr	INR	19.00	315400.00	INR Three Lakh Fifteen Thousand Four Hundred Only
12	Providing and laying in position cement concrete 1:2:4 (1 cement: 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) including any form work etc. as required.	item12	4.00	Cum	INR	5252.00	21008.00	INR Twenty One Thousand & Eight Only
13	Taking GPS based co-ordinates by using total station and identifying the locations of light fixtures, route of cable etc. based on GPS co-ordinates and marking, submission of reports and design of runway light (such as REH, TXE, TXC, RCL, STB< Gourd Light etc.) as per ICAO Specification as required and as per directions of the Engineer In charge.	item13	1.00	Job	INR	45235.00	45235.00	INR Forty Five Thousand Two Hundred & Thirty Five Only
14	Installation, Testing and Commissioning of elevated fittings i/c installation of isolating transformer, ASD, crimping/jointing of plug & receptacles and other accessories required for commissioning i/c supply of all accessory materials (except fixture, secondary lead, plug & receptacles & isolating transformer) etc. as required and as per directions of the Engineer In charge.	item14	130.00	Job	INR	185.00	24050.00	INR Twenty Four Thousand & Fifty Only
15	Installation, testing and Commissioning of inset type fittings of size 12 inch dia. with core cutting, aligning and setting i/c providing sealing material and installation of Isolating Transformer, ASD, Crimping / Jointing of Plug receptacles & other accessories required for commissioning i/c supply of all materials except fixture, secondary lead, plug & receptacles & isolating transformer etc. as required and as per directions of the Engineer In charge.	item15	86.00	Job	INR	5800.00	498800.00	INR Four Lakh Ninety Eight Thousand Eight Hundred Only
16	Installation, testing and Commissioning of inset type fittings of size 08 inch dia. with core cutting, aligning and setting i/c providing sealing material and installation of Isolating Transformer, Crimping / Jointing of Plug receptacles & other accessories required for commissioning i/c supply of all accessory materials (except fixture, secondary lead, plug & receptacles & isolating transformer etc.), as required and as per directions of the Engineer In charge.	item16	500.00	Job	INR	5723.00	2861500.00	INR Twenty Eight Lakh Sixty One Thousand Five Hundred Only

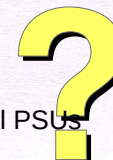
Sl. No.	Item Description	Item Code / Make	Quantity	Units	Quoted Currency in INR / Other Currency	BASIC RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
17	Kerf cutting with machine in taxiway/runway/apron of PQC/bituminous surface of depth 30 mm and width 15 mm for 1 or 2 nos secondary lead along with earth cables and laying of secondary lead and earth cable by wrapping cotton tape i/c refilling the same by suitable sealing material etc. complete as required and as per instruction of Engineer In-Charge.	item17	275.00	Mtr	INR	309.00	84975.00	INR Eighty Four Thousand Nine Hundred & Seventy Five Only
18	Constructing RCC Chamber of Length 1.5 mtr. X 1.5 m (Breadth) X 1.5 m (depth) inside using Reinforced cement concrete of 1:1.5:3 (1 cement : 1.5 Coarse sand : 3 Graded stone aggregate 20 mm nominal size) and centering, shuttering including stutting, propping etc. and removal of form for Foundations, footings, bases of columns etc. for mass concrete and Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete up to plinth level. Thermo-Mechanically Treated bars of grade Fe-500D or more and fixing of chequered plate of 10 mm thick on the top with suitable MS channels affixed onto the chamber body and as per the drawing enclosed in page no of Technical specification and designing of the chamber, getting the design vetted by reputed Govt. (Agency/University) Institution etc. as required and as directed by Engineer In-Charge.	item18	2.00	Job	INR	15453.00	30906.00	INR Thirty Thousand Nine Hundred & Six Only
19	Supplying and installing following size of perforated Hot Dipped Galvanised Iron cable tray (Galvanisation thickness not less than 50 microns) with perforation not more than 17.5%, in convenient sections, joined with connectors, fixed on the walls of trench with MS angle support including G.I. bolts & nuts, painting of MS angle etc. as required. 300 mm width X 62.5 mm depth X 2.0 mm thicknes	item19	20.00	Mtr	INR	1250.00	25000.00	INR Twenty Five Thousand Only
20	Provision of vehicle @ 50 kms per day for Site supervision of the entire length of work on daily basis i/c provision of speed governor i/c driver, fuel, ADP, AEP passes, Insurance etc. as mentioned in Special Conditions of Contract and as directed by the Engineer In-Charge.	item20	4.00	Month	INR	38000.00	152000.00	INR One Lakh Fifty Two Thousand Only
21	Supply of 40 mm dia. GI pipe (medium class), ISI marked, complete with GI accessories like couplers, bend, tee etc. complete as required for AGL work.	item21	5600.00	Mtr	INR	242.00	1355200.00	INR Thirteen Lakh Fifty Five Thousand Two Hundred Only

Sl. No.	Item Description	Item Code / Make	Quantity	Units	Quoted Currency in INR / Other Currency	BASIC RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
22	Supply of 50 mm outer dia. (OD-50 mm & ID-38 mm nominal) DWC HDPE (High density polyethylene) pipe, ISI marked, conforming to IS 14930, Part II with latest amendments, along with all accessories like socket, couplers, bend, tee etc. and with pulling rope fitted inside complete as required and as per technical specifications.	item22	2000.00	Mtr	INR	61.00	122000.00	INR One Lakh Twenty Two Thousand Only
23	Supply of 65 mm dia GI pipe (medium class), ISI marked, complete with GI accessories like couplers, bend, tee etc. complete as required for AGL work.	item23	450.00	Mtr	INR	429.00	193050.00	INR One Lakh Ninety Three Thousand & Fifty Only
24	Supply of 90 mm dia. (OD-90 mm & ID-76 mm nominal) DWC HDPE (High density polyethylene) pipe, ISI marked, conforming to IS 14930, Part II with latest amendments, along with all accessories like socket, couplers, bend, tee etc. and with pulling rope fitted inside, complete as required and as per technical specifications.	item24	260.00	Mtr.	INR	121.00	31460.00	INR Thirty One Thousand Four Hundred & Sixty Only
Total in Figures							11262909.00	INR One Crore Twelve Lakh Sixty Two Thousand Nine Hundred & Nine Only
Quoted Rate in Words		INR One Crore Twelve Lakh Sixty Two Thousand Nine Hundred & Nine Only						

— Swafin
DGIM (E-E)

Signature Not Verified

Digitally signed by ABHIJIT DATTA
Date: 2020.12.10 18:39:15 IST
Location: eProcurement System for Central PSUs



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